

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
 (Other instructions on
 reverse side)

5. Lease Designation and Serial No.

ML 16532

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☒Gas Well ☐

Other

Single Zone ☐Multiple ☐

2. Name of Operator

Colorado Energetics, Inc.

3. Address of Operator

102 Inverness Terrace East, Englewood, CO 80112

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface 2009 FNL & 1838 FNL Sec. 16

At proposed prod. zone Same as Above

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DIVISION OF
OIL, GAS & MINING

7. Unit Agreement Name

Castle Peak

8. Farm or Lease Name

State

9. Well No.

2-16

10. Field and Pool, or Wildcat

Castle Peak

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 16-T9S-R16E

14. Distance in miles and direction from nearest town or post office*

17.5 Miles SW of Myton, Utah

12. County or Parrish 13. State

Duchesne Co., Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

631'

16. No. of acres in lease

±640

17. No. of acres assigned

to this well ± 40

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

First Well on Lease

5600

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5856' GR

22. Approx. date work will start*

On Approval of Permit and
Rig Availability

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13-3/4"	9-5/8" New	36# K-55	250'	Cement to Surface
7-5/8"	4-1/2" New	10.5# K-55	5600'	Vol to Cover 500'

Above Douglas Creek Mbr.

1. Surface Formation: Uinta
2. Estimated Tops: Green River - 1500', Parachute Creek - 2600', Basal Green River - 3800', Douglas Creek - 4600', Wasatch Tongue - 5500', TD - 5600'.
3. Estimated Production Zone: Douglas Creek - 4600'.
4. Pressure Control: 10"-3000# double hydraulic BOP's and 10"-3000# casinghead.
5. Drilling Fluid: Fresh water and non-dispersed systems. Wt. 8.5-9.3#/gal., Vis & WL N.C. to 10 cc.
6. Drill Stem Tests: 3 possible in the Douglas Creek.
8. Coring: None
9. Logging: Dual Induction - SFL, BHC Sonic and CNL - Density Logs.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Kyle W. Swingle

Title

Drilling Manager

Date

Feb 19, 1982

(This space for Federal or State office use)

Permit No.

Approval Date

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by

Title

Conditions of approval, if any:

DATE: 3/23/82

BY: AS-Long

*See Instructions On Reverse Side

** FILE NOTATIONS **

DATE: 2-26-82

OPERATOR: Colorado Energy, Inc

WELL NO: Castle Peak #32-16

Location: Sec. 16 T. 9S R. 16E County: Chadron

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-013-30650

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: ~~Keegan Auld C-3~~
Unit Well

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒

Plotted on Map ☐

Approval Letter Written ☐

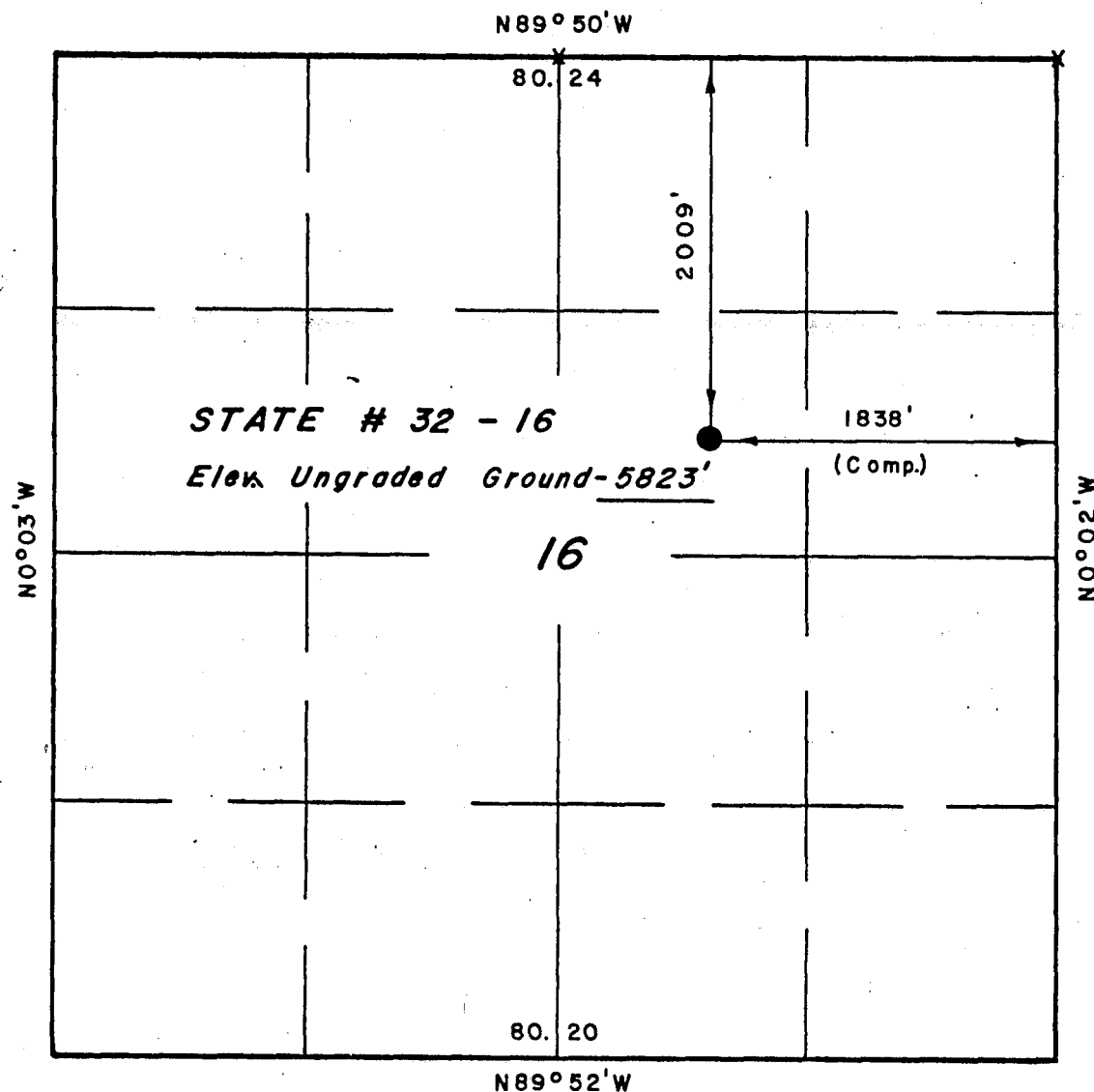
Hot Line ☒

P.I. ☒

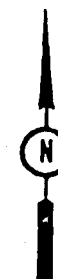
T 9 S, R 16 E, S.L.B.&M.

**PROJECT
ENERGETICS INC.**

Well location, **STATE #32 -16**,
located as shown in the SW 1/4
NE 1/4 Section 16, T9S, R16E, S.L.M.
Duchesne County, Utah.



X = Section Corners Located



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MAR 19 1982

DIVISION OF
OIL, GAS & MINING

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1/28/82
PARTY	L.D.T. S.H. S.B.	REFERENCES	GLO Plat
WEATHER	Cool	FILE	ENERGETICS

March 24, 1982

Colorado Energetics, Inc.
102 Inverness Terrace East
Englewood, Colorado 80112

RE: Well No. 32-16 Castle Peak
Sec. 16, T. 9 S, R. 16 E
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30650.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: State Lands

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 16532	
2. NAME OF OPERATOR Energetics, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 102 Inverness Terrace East, Englewood, CO 80112		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2009 FNL & 1838 FWL Sec 16, T9S R16E		8. FARM OR LEASE NAME State	
14. PERMIT NO. API 43 103 30650		9. WELL NO. 32-16	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5856' GR		10. FIELD AND POOL, OR WILDCAT Castle Peak	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16 T9S R16E	
		12. COUNTY OR PARISH Duchesne Co	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Daily Operations

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3/26/82: Well spudded. Drilled 12¼" hole to 255'. Set 6 joints 8 5/8" casing

3/27/82: Testing BOP's, blind rams and choke manifolds.

3/28-4/1/82: Drilled to 3850'.

4/2/82: Drilling @ 4315'. Show 4100-4100', drill break 3 - 2 - 3 MPF, Gas unit 40 - 160 - 30

4/3-4/4/82: Drilled to 4817'

4/5/82: Show @ 4990-97' Drill break 5 - 2 - 10 MPF, gas units 5 - 100 - 10.

4/6-7/82: Drilled to 5150'

4/8/82: Show @ 5490-5525'. Drill rate 4-5 - 2-3 - 3-4 MPF, Gas units 15 - 25 (@ 5495') - 10.

4/9-10/82: Logging. Total depth 5650'. Released rig.

4/11/82: Rig down rotary table.

18. I hereby certify that the foregoing is true and correct

SIGNED

Wilma Johnson

TITLE

Reports Supervisor

DATE

7-7-82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 16532	
2. NAME OF OPERATOR Energetics, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 102 Inverness Terrace East, Englewood CO 80112		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2009 FNL & 1838 FWL Sec 16, T9S, R16E		8. FARM OR LEASE NAME State	
		9. WELL NO. 32-16	
		10. FIELD AND POOL, OR WILDCAT Castle Peak	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16 T9S R16E	
14. PERMIT NO. API 43 103 30650	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5856' GR	12. COUNTY OR PARISH Duchesne Co	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Daily Operations ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4/12-8/2/82: Waiting on completion.
 8/3/82: Moved in completion rig
 8/4-5/82: Perforated @ 5504-5512' & 5526-5554'. Acidized & displaced w/KCL water. Frac treated w/42,000 gal gelled wtr & sand.
 8/6/82: Perforated from 5000'-5010' & 4732'-4738'. Frac treated w/gelled water & sand.
 8/7/82: Opened well to tank on 2" choke, flowed 25 bbls water. Circulated hole.
 8/8/82: Rig up to swab. Recovered 22 bbls/hr. - 95% water, 5% oil.
 8/9/82: Shut down for Sunday
 8/10/82: Swabbing. Recovered 143 bbls oil and 61 bbls water.
 8/11/82: Reverse circulated hole. Landed tubing @ 5584'.
 8/12/82: Seated pump. Press test tubing. Spaced pump 8" off bottom. Rig down & released. Plug back total depth @ 5620'. Total depth @ 5650'.
 Shut in well.

RECEIVED
AUG 16 1982

18. I hereby certify that the foregoing is true and correct

SIGNED William JohnstonTITLE Reports SupervisorDATE August 13, 1982

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
 (See other instructions
 on reverse side)

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. ML 16532	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Energetics, Inc.										7. UNIT AGREEMENT NAME -----	
3. ADDRESS OF OPERATOR 102 Inverness Terrace East - Englewood, Colorado 80112-5397										8. FARM OR LEASE NAME State	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2009' FNL & 1838' FNL, Sec. 16, T9S, R16E At top prod. interval reported below As above <u>S.W. NE</u> At total depth As above										9. WELL NO. 32-16	
14. PERMIT NO. 43-03-30650 DATE ISSUED 3-23-82										10. FIELD AND POOL, OR WILDCAT Castle Peak	
15. DATE SPUDDED 3-25-82 16. DATE T.D. REACHED 4-8-82 17. DATE COMPL. (Ready to prod.) 8-11-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5825' GR, 5835' KB										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 16, T9S, R16E	
20. TOTAL DEPTH, MD & TVD 5650' 21. PLUG, BACK T.D., MD & TVD 5620' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5650' CABLE TOOLS _____										12. COUNTY OR PARISH Duchesne	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4732'-5512' Green River										13. STATE Utah	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL, GR, CBL-CCL										19. ELEV. CASINGHEAD	
25. WAS DIRECTIONAL SURVEY MADE no										27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		24#		255'		12-1/4"		200 sx Class 'G'			
5-1/2"		15.5#		5650'		7-7/8"		260 sx 50-50 Poz			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-7/8"		5584'									
31. PERFORATION RECORD (Interval, size and number) See attachment											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
See attachment											
33.* PRODUCTION											
DATE FIRST PRODUCTION 8-26-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1 1/2"						WELL STATUS (Producing or shut-in) Prod.			
DATE OF TEST 9-8-82		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 96		GAS—MCF. 164	
								WATER—BBL. 7		GAS-OIL RATIO 1708	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 96		GAS—MCF. 164		WATER—BBL. 7	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Perforations & treatments(Nos. 31 & 32) shown on attached sheet											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED L. S. Gosnell		TITLE Assistant Production Mgr.						DATE 9-13-82			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1536'		100% shale			
Parachute Creek	2640'		Shale, sandstone			
Douglas Creek	4610'		Shale, sandstone, siltstone			
Wasatch Tongue	5558'					

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

31. Perforation Record

5504-5512' - 2 SPF, 23 gram, 4" gun

5526-5554' - 2 SPF, 23 gram, 4" gun

5000-5010' - 2 SPF, 23 gram, 4" gun

4732-4738' - 2 SPF, 23 gram, 4" gun

32. Acid, Shot, Fracture, Cement Squeeze, Etc.

5504-5512' and 5526-5554' - Acidized with 2000 gal. 15% HCl with 1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced with 42,000 gal. VER-1400 gelled water with 62,500# 20/40 sand & 10,000# 10/20 sand.

5000-5010' and 4732-4738' - Fraced with 25,000 gal. VER-1400 gelled water with 28,000# of 20/40 sand & 10,000# of 10/20 sand.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 16532
2. NAME OF OPERATOR Energetics, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 102 Inverness Terrace East, Englewood, CO 80112		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2009 FNL & 1838 FWL Sec 16, T9S, R16E		8. FARM OR LEASE NAME State
14. PERMIT NO. API 43 103 30650		9. WELL NO. 32-16
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5856' GR		10. FIELD AND POOL, OR WILDCAT Castle Peak
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16 T9S R16E
		12. COUNTY OR PARISH Duchesne Co
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/13/82: Building tank battery

8/26/82: Well completed. Pumping oil. Final report.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Records Supervisor

DATE 10/4/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 11, 1982

Colorado Energetics, Inc.
102 Inverness Terrace East
Englewood, Colorado 80112-5397

Re: Well No. State #32-16
Sec. 16, T. 9S, R. 16E.
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office September 13, 1982, from above referred to well, indicates the following electric logs were run: DIL, FDC-CNL, GR, CBL-CCL. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

CF/cf



POW

January 27, 1983

State of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

RE: State #32-16
Sec. 16, T9S-R16E
Duchesne County, Utah

Gentlemen:

Enclosed please find copies of the DIL, FDC-CNL, GR and CBL-CCL logs for the referenced well.

If you require any other information, please do not hesitate to contact me.

Sincerely,

ENERGETICS, INC.

A handwritten signature in cursive script, appearing to read 'Cris Gaudi'.

Cris Gaudi
Geologist

CG/ces

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. MI 16532	
2. NAME OF OPERATOR See below		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 116 Inverness Drive East, Englewood, Colorado 80112		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2009' FNL, 1838' FWL, Sec. 16		8. FARM OR LEASE NAME State	
14. PERMIT NO. 43-103-30650		9. WELL NO. 32-16	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,825' GR, 5,835' KB		10. FIELD AND POOL, OR WILDCAT Castle Peak	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16-T9S-R16E	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change operator name ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Energetics Operating Company, a Colorado corporation (formerly Energetics, Inc.,
dba Colorado Energetics, Inc., a Colorado corporation).

Change of name effective 4/8/83

18. I hereby certify that the foregoing is true and correct

SIGNED

Caroline K. HartTITLE Administrative CoordinatorDATE 5/5/83

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML 16532
2. NAME OF OPERATOR Energetics Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 116 Inverness Drive East, Englewood, CO 80112		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2009' FNL, 1838' FWL, Sec. 16		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-103-30650		9. WELL NO. 32-16
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,825' GR, 5,835' KB		10. FIELD AND POOL, OR WILDCAT Castle Peak
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16-9S-16E
		12. COUNTY OR PARISH Duchesne Co
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Change of Operator

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

New operator effective October 1, 1984 as follows:

Alta Energy Corporation
900 Heritage Center
500 North Loraine
Midland, TX 79701

18. I hereby certify that the foregoing is true and correct

SIGNED

Marvella Steele

TITLE

Production Clerk

DATE

10/3/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



DEPARTMENT OF NATURAL RESOURCES
DIVISION OF STATE LANDS AND FORESTRY

Norman H. Bangertter
Governor

Dee C. Hansen

Executive Director

Patrick D. Spurgin

Division Director

355 West North Temple

3 Triad Center, Suite 400

Salt Lake City, Utah 84180-1204

801-538-5508

February 1, 1988

Celsius Energy Company
Attn: Revenue Accounting Manager
P.O. Box 11070
Salt Lake City, Utah 84147

Certified Mail P 657 353 382

Gentlemen:

The royalty audit section of the Division of State Lands and Forestry is in the process of reviewing the royalties received from two wells, the Castle Peak #32-16 (API 43-013-30650) and the Castle Peak #33-16 (API 43-013-30640).

For the period we are most interested in, our records show Bountiful Corporation paid oil royalties from July, 1982 through February, 1985. During the majority of this time, Energetics Operating Company was the operator of the well. Alta Energy Corporation took over as operator on October 1, 1984. Our files also indicate Celsius is currently the lessee of record, with Wexpro Company as the lessee of record during the period under review.

There was gas produced from both of these wells, part of which was used on the lease, the remainder was flared from the time the wells were put to producing until December, 1984. According to Rule C-27 in the Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure (Amended to January 1, 1982), an oil well with associated gas production can only flare 100 mcf per day of gas in the first month after a 72 hour test and up to 25 mcf per day in each month thereafter without receiving approval from the Board of Oil, Gas and Mining. There was no evidence in the well files that approval for flaring in excess of 25 mcf per day was requested or approved.

The lease agreement Celsius holds with the State of Utah covering these wells (ML 16532) holds the lessee responsible for the payment of royalties. Furthermore, the lease establishes that the minimum valuation basis for royalties shall not be less than that received by the United States of America. 30 C.F.R. 206.100 states in part, "If waste of gas occurs, the lessee shall pay the lessor the full value of all gas wasted by blowing, release, escape, or otherwise...". Based on this regulation, Minerals Management Service policy, the State lease agreement, and the fact that apparently no approval was granted for this flaring, additional royalty is being assessed for the amounts flared in excess of 25 mcf per day.

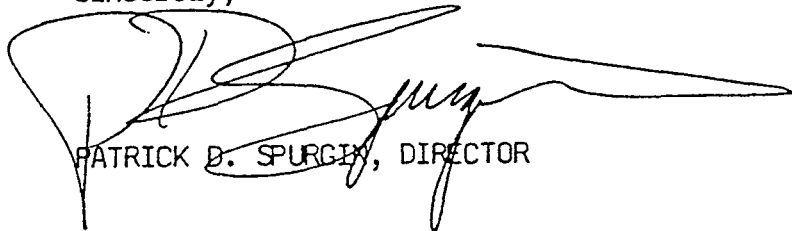
The attached schedules detail the calculation of the assessment and the associated interest and penalties. Interest and penalties were calculated in accordance with the Rules Governing the Management and Use of State Lands in Utah as approved by the Board of State Lands and Forestry. For the period prior to December, 1982, a rate of 10% per annum was used as called for by U.C.A. 15-1-1. Simple interest was calculated until June 30, 1986, semi-annual compounding was used from July 1, 1986 forward per the Rules.

The price used to determine the value of the flared amounts was Section 103 from the Natural Gas Policy Act of 1978 based on the certification of the current operator, Alta Energy Corporation. The Btu factors used were established by reviewing the factors reported by Alta for the period of January, 1986 through October, 1987.

As shown in the schedules, the additional royalty due is \$48,234.96 with interest and penalty being \$31,807.93 and \$1,838.61 respectively, for a total assessment of \$81,881.51. This amount is due within 60 days of the date you receive this notice. If you disagree with this assessment you have 60 days to request a redetermination of these findings. This request must be in writing and include evidence to substantiate your claim.

If you have any questions, please contact Lisa Schneider at 538-5508.

Sincerely,



PATRICK D. SPURGIN, DIRECTOR

lys

cc: David S. Christensen, Assistant Attorney General

Volume Calculations
Castle Peak #32-16

Mo/Yr	Days Produced	Accept. Flaring	Flared Volume	Unauthor. Volume
Aug 82	7	700	951	251
Sep 82	30	750	3696	2946
Oct 82	28	700	2397	1697
Nov 82	30	750	2253	1503
Dec 82	31	775	1874	1099
Jan 83	30	750	1585	835
Feb 83	27	675	1407	732
Mar 83	31	775	1501	726
Apr 83	29	725	1225	500
May 83	31	775	1257	482
Jun 83	30	750	1189	439
Jul 83	31	775	1175	400
Aug 83	31	775	1068	293
Sep 83	30	750	1890	1140
Oct 83	24	600	1273	673
Nov 83	30	750	2003	1253
Dec 83	31	775	1818	1043
Jan 84	31	775	1634	859
Feb 84	29	725	1531	806
Mar 84	31	775	1470	695
Apr 84	30	750	1315	565
May 84	31	775	1534	759
Jun 84	30	750	1424	674
Jul 84	31	775	1324	549
Aug 84	31	775	1344	569
Sep 84	30	750	1221	471
Oct 84	31	775	1282	507
Nov 84	29	725	1353	628

Volume Calculations
Castle Peak #33-16

Mo/Yr	Days Produced	Accept. Flaring	Flared Volume	Unauthor. Volume
Jul 82	29	2900	175	0
Aug 82	28	700	4608	3908
Sep 82	29	725	4145	3420
Oct 82	31	775	4205	3430
Nov 82	28	700	2754	2054
Dec 82	29	725	2567	1842
Jan 83	31	775	3682	2907
Feb 83	25	625	2230	1605
Mar 83	31	775	2893	2118
Apr 83	25	625	2172	1547
May 83	31	775	2404	1629
Jun 83	29	725	1933	1208
Jul 83	31	775	2091	1316
Aug 83	24	600	1723	1123
Sep 83	30	750	8505	7755
Oct 83	31	775	8140	7365
Nov 83	30	750	7127	6377
Dec 83	31	775	7457	6682
Jan 84	31	775	7080	6305
Feb 84	29	725	6632	5907
Mar 84	31	775	5408	4633
Apr 84	29	750	5702	4952
May 84	29	750	7904	7154
Jun 84	0	0	0	0
Jul 84	0	0	0	0
Aug 84	16	400	6220	5820
Sep 84	30	750	8458	7708
Oct 84	31	775	6809	6034
Nov 84	20	500	4688	4188



WEXPRO COMPANY

79 SOUTH STATE STREET • P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

KEITH A. WALKER
MANAGER
REVENUE ACCOUNTING

February 8, 1988

Energetics Operating Company
102 Inverness Terrace East
Englewood, CO 80112

Gentlemen:

The State of Utah has assessed Wexpro Company, as the lessee of record, \$81,881.51 for underpayment of royalties for the Castle Peak #32-16 and #33-16 wells. The alleged underpayment of royalties is the result of excessive gas flaring without the required approval.

According to rule C-27 (copy enclosed), of the Oil and Gas Conservation General Rules and Regulations, the operator is responsible for obtaining the necessary approval to flare amounts of gas in excess of 25 mcf per day. Wexpro Company feels that Energetics Operating Company, as operator of the aforementioned wells for the majority of time under review, should resolve this matter with the State of Utah. Enclosed is a copy of the order to pay, which is due April 4, 1988. Please notify Wexpro by March 1, 1988 of your intentions concerning this demand.

If you care to discuss this matter by telephone, please call me at (801) 530-2850 or Kelly Harvey at (801) 530-2857.

Sincerely,

Keith A. Walker

Manager Revenue Accounting

KAW/ncp

cc: State of Utah
Department of Natural Resources
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

Alta Energy Corporation
500 N. Loraine, 900 Her. Ctr.
Midland, TX 79701



WEXPRO COMPANY

79 SOUTH STATE STREET • P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

KEITH A. WALKER
MANAGER
REVENUE ACCOUNTING

RECEIVED
FEB 25 1988

February 23, 1988

DIVISION OF
OIL, GAS & MINING

Alta Energy Corporation
500 N. Loraine, 900 Her. Ctr.
Midland, TX 79701

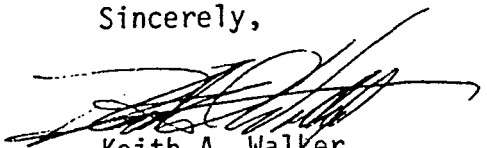
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Sincerely,


Keith A. Walker
Manager Revenue Accounting

KAW/ncp

cc: State of Utah
Department of Natural Resources
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204



CELSIUS ENERGY COMPANY

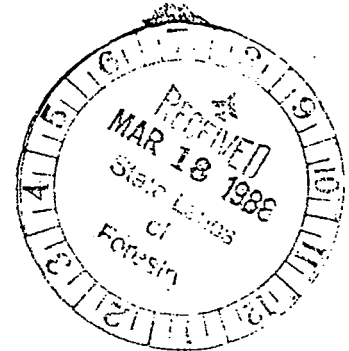
79 SOUTH STATE STREET • P.O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

KEITH A. WALKER
MANAGER
REVENUE ACCOUNTING

March 17, 1988

State of Utah
Department of Natural Resources
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, UT 84180-1204

Re: State of Utah
Oil & Gas Lease
ML - 16532



Gentlemen:

Ms. Lisa Schneider has asked that I write to you to summarize our efforts to resolve the gas flaring issue for the Castle Peak 32-16 and 33-16 wells, located on the referenced State of Utah oil and gas lease.

Celsius Energy Company did not have an interest in this lease until it received assignment from Wexpro Company on January 30, 1985. Wexpro Company entered into a Farmout Agreement dated June 11, 1981 with Energetics for the drilling of the Castle Peak 32-16 and 33-16 wells. Pursuant to the Farmout Agreement, Energetics was designated "Operator" of the lease and subsequently received an assignment of leasehold interest from Wexpro. The Farmout Agreement requires that Energetics, and their successors and assigns, comply with all lease provisions and operating regulations.

Celsius feels that the Operator of these wells, per the Farmout and Operating Agreements, is responsible for obtaining the proper approvals for the flaring of gas. For this reason, Celsius contacted the companies that operated the subject wells during the time period which was audited.

*Lisa's
follow-up*

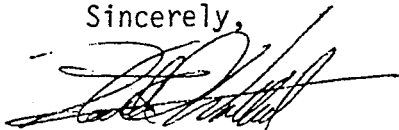
Page 2
State of Utah
March 17, 1988

Energetics Operating Company was the operator for the majority of time. Energetics filed for Chapter 11 bankruptcy on October 31, 1984. Consequently, it will be best for the State of Utah to file a proof of claim against Energetics. Any questions concerning Energetics should be directed to Mr. Mark Tidwell of Energetics' legal staff. His telephone number is (303) 850-7300.

Alta Energy Corporation, who took assignment of leasehold rights from Energetics in April, 1984, feels they should be responsible only for the time period in which they operated the wells. Mr. Scott Tatum indicated that the information provided by the state of Utah, volumes and prices, is not in conformity with Alta's information. Mr. Tatum's telephone number is (915) 683-5449.

I trust that with the above information your office will contact Energetics and Alta Energy, and pursue the matter further. Please let me know what additional action, if any, must be taken by Celsius. I can be reached at 530-2850, or through Kelly Harvey at 530-2857.

Sincerely,



Keith A. Walker
Revenue Accounting Manager

KAW/KH/ms31

cc: Energetics Operating Company
7951 E. Maplewood Ave.
Suite 133
Englewood, CO 80111

Alta Energy Corporation
500 N. Loraine, 900 Her. Ctr.
Midland, TX 79701

Robert H. Lovell
Celsius Senior Attorney

bcc: J.B. Neese



CELSIUS ENERGY COMPANY

79 SOUTH STATE STREET • P. O. BOX 11070 • SALT LAKE CITY, UTAH 84147 • PHONE (801) 530-2600

November 3, 1988

Pat D. Spurgin, Director
Division of State Lands and Forestry
Department of Natural Resources
State of Utah
355 West North Temple
3 Triad Center - Suite 400
Salt Lake City, UT 84180-1204

Re: Gas Flaring/Castle Peak 32-16 and 33-16 Wells
Lease ML 16532

Dear Mr. Spurgin:

Pursuant to your letter of February 1st, 1988, demand was made on Celsius Energy Company, as lessee, for payment of royalties for excess gas flared by Energetics, Inc. and Alta Energy Corporation, the companies which operated the Castle Peak Wells 32-16 and 33-16.

Based on information provided to us by Alta Energy Corporation, the successor operator to Energetics, Inc., we believe that the amount of gas flared as previously reported by Energetics was erroneous and probably the result of clerical error. We would like to meet with you on November 21st, 1988 at 1:30 p.m., at your office, for the purpose of presenting our evidence. Your assistant, Linda Belnap, suggested this date and time for meeting with you. Please have a petroleum engineer in attendance because we will be presenting evidence concerning production volumes and oil and gas ratios.

In addition to representatives of Celsius Energy Company, there will also be in attendance representatives of Alta Energy Corporation and hopefully, Energetics, Inc. I expect the meeting to last approximately one hour.

Because there will be people coming from out of town to attend the meeting, please let me know should you have any conflicts with respect to the date and time of said meeting.

Very truly yours,

Thomas C. Jepperson
Attorney

11-21-93

SRB

Mtg. w/ State Lands, Celsius (see attached attendance list)

- Gas flowing: Castle Peak wells 32-16 and 33-16.

1982- Celsius farmed out interest to Energetics. Earned 100% until payout - backed in to 50%. Assignment of 50% of operating interest made. Energetics made WI interest assignments to other associated companies.

1985- In December, gas was finally transported.

- Wells would not be assumed by Celsius - they would P & A wells.

- Feels that Energetics did not report proper volumes - probably based on estimates rather than metering.

- Desires a readjustment of GOR values. Also ^{from State of Utah} desires reasonableness in accepting a settlement.

- GOR evaluation of reported volumes - Alta Energy looked at it. Energetics reported fixed GOR during early life of well.

- Five wells were compared - 2 Energetics, 2 Alta, and ~~2~~ 1 Diamond Shamrock

- Alta's proposals - For both wells: 1000 cfb/bbl for 1st year and 2000 cfb thereafter.

Represented →
Energetics

Mark O. Tidwell
ATTORNEY AT LAW

1625 BROADWAY
SUITE 2720
DENVER, COLORADO 80202
(303) 573-7524

Also attending
11/21 mtg.:

State Lands -
Patrick Spurgin
Lisa Schneider
Ed Bonner
Kevin Carter

DOGM -
J. Baza

CELSIUS ENERGY COMPANY



ERIC D. MARSH
PETROLEUM ENGINEER

1471 Dewar Drive
P. O. Box 458
Rock Springs, Wyoming 82902

(307) 382-9791

Rep. Alta →

A. JOHN DAVIS, III
ATTORNEY AT LAW

PRUITT, GUSHEE & FLETCHER
(801) 531-8446

1650 BENEFICIAL LIFE TOWER
SALT LAKE CITY, UTAH 84111

CELSIUS ENERGY
WEXPRO COMPANY



THOMAS C. JEPPELSON
ATTORNEY

79 SOUTH STATE STREET
P. O. BOX 11070
SALT LAKE CITY, UTAH 84147

(801) 530-2651
TELECOPIER: (801) 530-2637



ALTA ENERGY CORPORATION

415 W. WALL, SUITE 1810
Midland, Texas 79701
915/683-5449

R.F. Balley
President

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOANN BUTZEN
ALTA ENERGY CORP
410 17TH ST STE 430
DENVER CO 80202

UTAH ACCOUNT NUMBER: N9540REPORT PERIOD (MONTH/YEAR): 5 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK ST 33-16 4301330640	00440	09S 16E 16	GRRV			ML-16532		
✓ CASTLE PK ST 32-16 4301330650	00445	09S 16E 16	GRRV			"		
✓ HORSESHOE BEND #4 4304715802	01315	07S 21E 3	GRRV			U-0142175		
✓ FEDERAL #21-1-P 4304731647	01316	06S 21E 21	SESE UNTA			U-30289	(U7080849-860701)	
UTAH FEDERAL "B" #4 4304731215	09297	07S 24E 14	GRRV	TA		SL-065819	Nephi City (separate chg)	
✓ STIRRUP #32-1-J 4304731646	09614	06S 21E 32	GRRV			ML-40226		
✓ FEDERAL 33-1-1 4304731468	09615	06S 21E 33	GRRV			U-28212		
✓ FEDERAL #33-2-B 4304731621	09616	06S 21E 33	GRRV			U-28212 ✓		
✓ HORSESHOE BEND 36-1-P 4304731482	09815	06S 21E 36	UNTA			ML-33225		
STATE 21-E 4304731553	10195	07S 21E 2	UNTA			ML-38354	(6/94 Alta kept this well)	
✓ FEDERAL #4-1-D 4304731693	10196	07S 21E 4	NW NW GRRV			U-42469 ✓	(U7068634)	
✓ STATE 16-2-N 4301331094	10199	09S 16E 16	GRRV			ML-16532		
✓ STATE 16-1-O 4301331022	10200	09S 16E 16	GRRV			ML-16532		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4550

June 14, 1994

State of Utah
Division of Oil, Gas & Mining
Dept. of Natural Resources & Energy
355 West North Temple
3 Triad Center, #350
Salt Lake City, UT 84180-1203

Gentlemen:

Effective May 18, 1994, Alta Energy Corporation, a Delaware Corporation, merged into Devon Energy Operating Corporation ("DEOC"), an Oklahoma corporation, as evidenced by the attached Merger Certificate. Enclosed is Bond No. 30S100753026-30 in the amount of \$80,000 to cover operations under the following wells:

Duchesne County

- ✓ Castle Peak 33-16, Sec. 16-9S-16E
- ✓ Castle Peak St. 32-16, Sec. 16-9S-16E
- ✓ State 16-1-0, Sec. 16-9S-16E
- ✓ State 16-2-N, Sec. 16-9S-16E
- ✓ Federal 15-1-B, Sec. 15-9S-17E

Uintah County

- ✓ Anna Belle 31-2-J, Sec. 31-6S-21E
- ✓ Cotton Club 31-1-A, Sec. 31-6S-21E
- ✓ Federal 33-1-1, Sec. 33-6S-21E
- ✓ Federal 33-4-D, Sec. 33-6S-21E
- ✓ Federal 34-2-K, Sec. 34-6S-21E
- ✓ Federal 4-2-F, Sec. 4-7S-21E

JUN 20 1994

June 14, 1994
State of Utah

Uintah County (cont'd)

- ✓Stirrup 32-1J, Sec. 32-6S-21E
- ✓Federal 36-1-P, Sec. 36-6S-21E
- ✓LCK 30-1-H, Sec. 30-6S-21E
- ✓Federal 21-1-P, Sec. 21-6S-21E

Change of Operator forms are being prepared and should be received in your office in the near future. Should you require further information, please advise.

Very truly yours,



Charlene Newkirk
Lease & Contract Records Supervisor

Attachment

OFFICE OF THE SECRETARY OF STATE



MERGER CERTIFICATE

I, the undersigned Secretary of State of the State of Oklahoma, do hereby certify that I am by the laws of said State the custodian of the records of the State of Oklahoma relating to the right of corporations to transact business in this State, and am the proper officer to execute this certificate.

I FURTHER CERTIFY that Certificate of Merger was filed in this office on the 18th day of May, 1994, by and between the following corporations:

ALTA ENERGY CORPORATION
Delaware Corporation

merged into

DEVON ENERGY OPERATING CORPORATION
Oklahoma
survivor

I FURTHER CERTIFY that DEVON ENERGY OPERATING CORPORATION, has paid the fees due this office and is a corporation in good standing according to our records of the date of this certificate.

IN TESTIMONY WHEREOF, I hereunto set my hand and affixed the Great Seal of the State of Oklahoma.



*Done at the City of Oklahoma City this 2nd day of June,
A.D. 1994.*

[Signature]
Secretary of State

By: *[Signature]*

JUN 20 1994

Form DOG-2

Bond No. 305100753026-30

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

#940623 Returned.
(see phone doc.)

BOND

KNOW ALL MEN BY THESE PRESENTS:

That DEVON ENERGY OPERATING CORPORATION,
principal office at 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102,
in the County of Oklahoma, in the State of Oklahoma,
as Principal and THE AETNA CASUALTY AND SURETY COMPANY

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

BLANKET BOND

NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of EIGHTY THOUSAND AND NO/100----- (\$ 80,000.00----)

Witness our hand and seal, this 17th day of May, 1994

DEVON ENERGY OPERATING CORPORATION

J. M. Lacey
J. M. Lacey, Vice-President Principal

Witness our hand and seal, this 17th day of May, 1994

THE AETNA CASUALTY AND SURETY COMPANY

By: Patsy A. Payne
Patsy A. Payne Surety Attorney-in-Fact

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)



POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, THAT THE AETNA CASUALTY AND SURETY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint **Dwight Journey, Gary Liles, Sharla Rhea Ramsey, or Patsy A. Payne - -**

of **Oklahoma City, Oklahoma**, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument(s):
by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any and all consents incidents thereto **not exceeding the sum of FIVE MILLION (\$5,000,000.00) DOLLARS -**

and to bind THE AETNA CASUALTY AND SURETY COMPANY, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of THE AETNA CASUALTY AND SURETY COMPANY, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Company which Resolutions are now in full force and effect:

VOTED: That each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, may from time to time appoint Resident Vice Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the Chairman, the Vice Chairman, the President, an Executive Vice President, a Senior Vice President, a Vice President, an Assistant Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Board of Directors of THE AETNA CASUALTY AND SURETY COMPANY which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, THE AETNA CASUALTY AND SURETY COMPANY has caused this instrument to be signed by its **Senior Vice President** and its corporate seal to be hereto affixed this **18th** day of **February**, 19 **91**



THE AETNA CASUALTY AND SURETY COMPANY

By Joseph P. Kiernan
Joseph P. Kiernan
Senior Vice President

State of Connecticut }
County of Hartford } ss. Hartford

On this **18th** day of **February**, 19 **91**, before me personally came **JOSEPH P. KIERNAN** of **Senior Vice President** to me known, who, being by me duly sworn, did depose and say: that he/she is **THE AETNA CASUALTY AND SURETY COMPANY**, the corporation described in and which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the corporation by authority of his/her office under the Standing Resolutions thereof.



Rosalind R. Christie
My Commission expires March 31, 19 **93**
Rosalind R. Christie
Notary Public

CERTIFICATE

I, the undersigned, **Secretary** of THE AETNA CASUALTY AND SURETY COMPANY, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut, Dated this **17th** day of **May**, 19 **94**



By John W. Welch
John W. Welch

devon
ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4550

June 29, 1994

STEP
JL - 51500

State of Utah
Department of Natural Resources
Division of State Lands & Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

Re: Merger Notification
Alta Energy Corporation into
Devon Energy Operating Corporation
Duchesne & Uintah Cos., Utah

Gentlemen:

Effective May 18, 1994, Alta Energy Corporation, a Delaware corporation, merged into Devon Energy Operating Corporation ("DEOC"), an Oklahoma corporation, as evidenced by the attached Merger Certificate. Enclosed is Bond of Lessee No. 30S100753026-28 in the amount of \$25,000 in favor of DEOC covering the following State of Utah leases:

ML-16532	ML-40559	ML-38354-A	ML-40226
ML-43710	ML-42142	ML-21181	
ML-43711	ML-37653	ML-40002-A	
ML-43712	ML-38354	ML-43536	

After review and approval of the attached bond, please forward Acknowledgment Copy to the attention of the undersigned. Should you have any questions, please do not hesitate to contact the undersigned.

Very truly yours,

DEVON ENERGY OPERATING CORPORATION
By: Devon Energy Corporation (Nevada), Representative

Charlene Newkirk

Charlene Newkirk
Lease & Contract Records Supervisor

Attachments

cc: Lisha Cordova
State of Utah
Division of Oil, Gas & Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense☒ Other

(Return Date) _____

Bond File

(Location) Sec _____ Twp _____ Rng _____

(To - Initials) _____

Open File

(API No.) _____

1. Date of Phone Call: 6-22-94 Time: 3:522. DOGM Employee (name) J. Cordove (Initiated Call ☒)
Talked to:Name Charlene Newkirk (Initiated Call ☐) - Phone No. (405) 235-3611of (Company/Organization) Devon Energy Corp.3. Topic of Conversation: Merger "Alta Energy Corp & Devon Energy Oper. Corp."
Also, Bond No. 305100753026-30 / 80,000.
(provided for Fed., St., & Fee wells)

4. Highlights of Conversation: _____

* msg - Answering Machine

* 9/4/23 - Charlene Newkirk "Devon", referred to St. Lands for bonding wells on St. minerals & for Merger of companies, also referred to Bhe/Kernel for bonding wells on Fed. minerals & merger. She req. that DoGM return the 80,000 bond listed above, so that they may replace w/ 40,000 (2) wells as req. (They do not plan to drill any new wells on fee lands nor purchase any wells on fee lands in the near future.)

* Dept. of Commerce - Reg. eff. 5/94, # 160297

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

JUL 11 1994

BOND

KNOW ALL MEN BY THESE PRESENTS:

That DEVON ENERGY OPERATING CORPORATION,
principal office at 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102,
in the County of Oklahoma, in the State of Oklahoma,
as Principal and THE AETNA CASUALTY AND SURETY COMPANY

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

BLANKET BOND

NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of FORTY THOUSAND AND NO/100----- (\$ 40,000.00)

Witness our hand and seal, this 17th day of May, 1994

Attest:

DEVON ENERGY OPERATING CORPORATION

Steve Cromwell

STEVE CROMWELL
Assistant Secretary

J. M. Lacey
J. M. Lacey, Vice-President ~~Principal~~

Witness our hand and seal, this 17th day of May, 1994

THE AETNA CASUALTY AND SURETY COMPANY

By: Patsy A. Payne
Patsy A. Payne ~~Surety~~ Attorney-in-Fact

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)



POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, THAT THE AETNA CASUALTY AND SURETY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint **Dwight Journey, Gary Liles, Sharla Rhea Ramsey, or Patsy A. Payne - -**

of **Oklahoma City, Oklahoma**, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument(s):
by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any and all consents incidents thereto not exceeding the sum of **FIVE MILLION (\$5,000,000.00) DOLLARS -**

and to bind THE AETNA CASUALTY AND SURETY COMPANY, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of THE AETNA CASUALTY AND SURETY COMPANY, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

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VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the Chairman, the Vice Chairman, the President, an Executive Vice President, a Senior Vice President, a Vice President, an Assistant Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Board of Directors of THE AETNA CASUALTY AND SURETY COMPANY which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, THE AETNA CASUALTY AND SURETY COMPANY has caused this instrument to be signed by its **Senior Vice President** and its corporate seal to be hereto affixed this **18th** day of **February**, 19 **91**

State of Connecticut }
County of Hartford } ss. Hartford



THE AETNA CASUALTY AND SURETY COMPANY

By Joseph P. Kiernan
Joseph P. Kiernan
Senior Vice President

On this **18th** day of **February**, 19 **91**, before me personally came **JOSEPH P. KIERNAN**, **Senior Vice President** of **THE AETNA CASUALTY AND SURETY COMPANY**, the corporation described in and which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the corporation by authority of his/her office under the Standing Resolutions thereof.



Rosalind R. Christie
My commission expires March 31, 19 **93**
Rosalind R. Christie
Notary Public

CERTIFICATE

I, the undersigned, **Secretary** of THE AETNA CASUALTY AND SURETY COMPANY, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this **17th** day of **May**, 19 **94**



By [Signature]
[Signature]
[Signature]



ENERGY CORPORATION

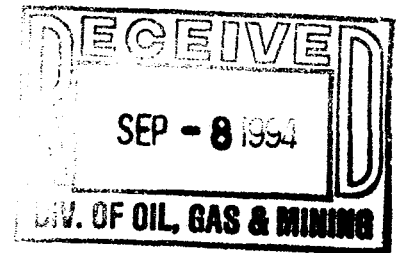
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone 405/235-3611
FAX 405/552-4550

September 2, 1994

Certified Mail No. Z 147 280 916

STATE OF UTAH
Department of Natural Resources
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203



Attention: Lisha Cordova

RE: Form 9

Merger of Alta Enery Corporation to Devon Energy Operating Corporation

Gentlemen:

Enclosed please find Forms 9, submitted for wells in Uintah and Duchesne Counties, previously operated by Alta Energy Corporation.

Please direct inquiries concerning this matter to Tom Pepper at (405) 235-3611, X4513.

Yours truly,

DEVON ENERGY OPERATING CORPORATION

Candace R. Graham

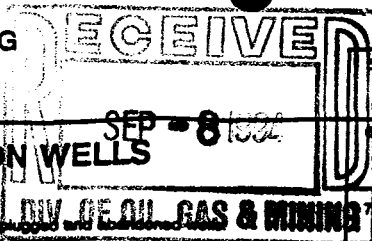
Candace R. Graham
Engineering Tech

/cg

Enclosures

copy: BLM in Salt Lake City, TP, Foreman, files

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

Lease Designation and Serial Number

ML-16532

If Indian, Alutian or Tribe Name

N/A

Unit Agreement Name:

N/A

1. Type of Well: OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

State 32-16

2. Name of Operator:

Devon Energy Operating Corporation (Oper. No. N-5060)

9. API Well Number:

43-103-30650

3. Address and Telephone Number:

20 North Broadway, Ste. 1500, Oklahoma City, OK. 73102

10. Field and Pool, or Wildcat:

Castle Peak (GR)

4. Location of Well

Footages: 2009' FNL, 1838' FWL

County: Duchesne

QQ, Sec., T., R., M.: Sec. 16, T9S, R16E, S.L.B.&M. (SW NE)

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Alta Energy Corporation merged into Devon Energy Operating Corporation effective May 18, 1994.

Effective 04-30-94 for reporting and production date cut-off purposes for State and MMS.

13.

Name & Signature:

Gerald T. Pepper

GERALD T. PEPPER

Title: DISTRICT ENGINEER

Date: 09-02-94

7/cg

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	PL 7-PL	✓
2	LWR 8-SJ	✓
3	DT 9-FILE	✓
4	VLC	✓
5	RJF	✓
6	LWP	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-18-94 (MERGER))

TO (new operator)	DEVON ENERGY OPERATING CORP.	FROM (former operator)	ALTA ENERGY CORP.
(address)	20 N BROADWAY STE 1500	(address)	410 17TH ST STE 430
	OKLAHOMA CITY OK 73102-8260		DENVER CO 80202
	CHRIS SAMMONS		JOANN BUTZEN
	phone (405) 552-4732		phone (303) 825-0714
	account no. N 5060 (7-12-94)		account no. N 9540

*7/29/94 C/O DEVON ENERGY

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30650</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see merger certificate)*
- Yes 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-20-94) (Rec'd 6-29-94)*
- Yes 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? *(yes/no)* ____ If yes, show company file number: #160297. *4.5/94*
- Yes 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-4-94)*
- LWP 6. Cardex file has been updated for each well listed above. *10-14-94*
- LWP 7. Well file labels have been updated for each well listed above. *10-14-94*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-4-94)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) **st. leases \$25,000 # 305100753026-28 (Bond Incr. in Progress)*

- See* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *\$40,000 # 305100753026-30 "The Delta Casualty and Surety Co."*
2. A copy of this form has been placed in the new and former operators' bond files. **Upon compl. of routing.*
- See* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Aug. 19, 1994. If yes, division response was made by letter dated Oct. 5, 1994. *(See Bond File)*

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases. *DS 10-17-94 No State Wells Highlighted*

FILMING

- 1 1. All attachments to this form have been microfilmed. Date: October 24 1994.

FILING

- 1 1. Copies of all attachments to this form have been filed in each well file.
- 2 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941004 Bm/s.y. Apr. 8-30-94.

SENT BY:

4052364258

2-27-95 : 3:38PM :

DEVON ENERGY-

801 359 3940:# 3/ 4

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

355 West North Temple, 3 Trnd, Suite 350, Salt Lake City, UT 84103-1203

Page 2 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CHRIS SAMMONS
DEVON ENERGY OPER CORP
20 N BROADWAY STE 1500
OKLAHOMA CITY OK 73102-8260

UTAH ACCOUNT NUMBER: N5060

REPORT PERIOD (MONTH/YEAR) 10/ 94

AMENDED REPORT ☐ (Highlight Changes)

Well Name	PI Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
CASTLE PK ST 33-16	4301330640	00440	09S 16E 16	✓ GRRV	POW	31	127	1383	0
CASTLE PK ST 32-16	4301330650	00445	09S 16E 16	✓ GRRV	POW	1	0	111	8
HORSESHOE BEND #4 <i>Separate Chg.</i>	4304715802	01315	07S 21E 3	GRRV	TA	0	0	0	0
FEDERAL #21-1-P <i>Separate Chg.</i>	4304731647	01316	06S 21E 21	UNTA	PGW	31	0	3430	210
STIRRUP #32-1-J	4304731646	09614	06S 21E 32	✓ GRRV	POW	31	218	899	128
FEDERAL 33-1-1	4304731468	09615	06S 21E 33	GRRV	POW	31	277	599	116
FEDERAL #33-2-B	4304731621	09616	06S 21E 33	GRRV	POW	25	51	100	37
HORSESHOE BEND 36-1-P	4304731482	09815	06S 21E 36	✓ UNTA	PGW	31	0	951	175
FEDERAL #4-1-B <i>Separate Chg.</i>	4304731693	10196	07S 21E 34	GRRV	POW	31	230	734	128
STATE 16-2-N	4301331094	10199	09S 16E 16	✓ GRRV	POW	31	226	248	0
STATE 16-1-0	4301331022	10200	09S 16E 16	✓ GRRV	POW	31	120	528	0
FEDERAL 15-1-B	4301331023	10201	09S 17E 15	GRRV	TA	0	0	0	0
E.E.K. 30-1-H <i>Separate Chg.</i>	4304731588	10202	06S 21E 30	GRRV	POW	30	221	60	37
TOTALS							1475	9033	839

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 12-14-94

Signature: *[Signature]*

Gary L. McGee

4052364258

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Snyder Oil Corporation

3. Address and Telephone Number:

1625 Broadway, Suite 2200, Denver, CO 80202 (303) 592-8500

4. Location of Well

Footages: 2009' FNL & 1838' FWL

OO, Sec., T., R., M.: SW/4NE/4 Section 16, T9S, R16E, S.L.B.&M.

5. Lease Designation and Serial Number:

ML-16532

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

State 32-16

9. API Well Number:

43-103-30650

10. Field and Pool, or Wildcat:

Castle Peak (GR)

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

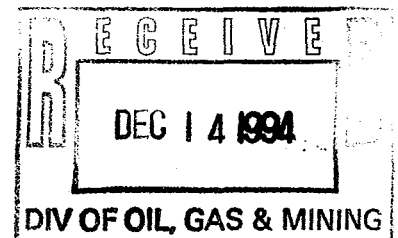
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Snyder Oil Corporation acquired Devon Energy Operating Corporation's interest effective 10/28/94.



13.

Name & Signature: _____

Title: _____

Steven G. Van Hook
Attorney-in-Fact

Date: _____

(This space for State use only)

RELINQUISHMENT OF STATE OF UTAH OIL, GAS, AND HYDROCARBON LEASE ML 43081

Union Oil Company of California, lessee, has submitted a letter of relinquishment of the above-numbered lease. This lease should be terminated and the relinquished lands then offered for lease by the Agency's Simultaneous Offering procedure.

<u>Lease No.</u>	<u>Description</u>	<u>County/Acres</u>
ML 43081	T37S, R25E, SLB&M. Sec. 2: All	San Juan 633.08 acres

Upon recommendation of Mr. Bonner, the Director approved the relinquishment of the above-numbered lease.

ACCEPTANCE OF RIDER, STATEWIDE BOND OF LESSEE NO. 582488

On July 29, 1991, the Director accepted a State of Utah Statewide Bond of Lessee from Snyder Oil Corporation in the amount of \$25,000, Bond No. 582488, to cover their oil and gas exploration and development operations on Trust lands. The surety is Gulf Insurance Company.

Snyder Oil Corporation has submitted a rider dated September 30, 1994, to the above-listed bond. This rider changes the amount of this bond from \$25,000 to \$80,000.

Upon recommendation of Mr. Bonner, the Director accepted the rider to Bond No. 582488 as described above.

REQUEST FOR APPROVAL OF THE HORSESHOE BEND COMMUNITIZATION AGREEMENT NO. 12 (UT080P49-86C689) FOR THE E½NE¼ SECTION 30, T6S, R21E, SLB&M.

Devon Energy Corporation, operator of the drilling unit comprising the E½NE¼ Section 30, T6S, R21E, SLB&M., has submitted a request for approval of a communitization agreement covering this acreage. This agreement correctly shows the interest of the State of Utah and should be approved retroactively on February 1, 1985. The agreement contains 80.00 acres, of which 11.97 acres or 14.96 percent are Trust lands.

The following is the only State of Utah lease in this agreement:

ML 40226 Calais Resources Inc. et al

This lease has been committed to the agreement.

Upon recommendation of Mr. Bonner, the Director approved the above captioned communitization agreement.

* * * * *

DEVON ENERGY CORPORATION (NEVADA) FACSIMILE TRANSMISSION
20 NORTH BROADWAY, SUITE 1500 Xerox 7033 (405) 552-4550
OKLAHOMA CITY, OK 73102-8260 Monroe MX-3600 (405) 552-4552
OFFICE (405) 235-3611

DATE:

2-27-95

TO:

Lisha Condova

COMPANY:

Devon Energy Operating Corporation

TELECOPIER #:

801-359-3940

OFFICE #:

801-538-5340

FROM:

Christie Sammons

DEVON ENERGY CORPORATION (NEVADA)

NUMBER OF PAGES FOLLOWING:

3

TRANSMISSION COMPLETED:

DEVON
ENERGY OPERATING
CORPORATION

20 NORTH BROADWAY, SUITE 1500
OKLAHOMA CITY, OKLAHOMA 73102

405/235-3611
FAX: 405/552-4550

February 27, 1995

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad, Suite 350
Salt Lake City, UT 84180-1203

Attn: Lisha Cordova

Re: Change of Operator

Dear Lisha:

All wells formerly operated by Devon Energy Operating Corporation #N5060 was sold to :

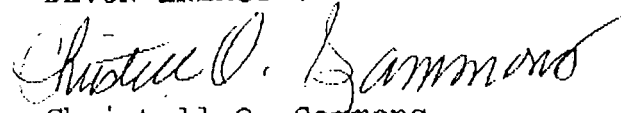
Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, CO 80202

Devon Energy Operating Corporation operated till November 1, 1994. Attached is the Monthly Oil and Gas Production Report that reflects all the wells, well numbers, API codes and locations.

If you need anything further, please let me know. My direct phone number is 405-552-4732.

Sincerely,

DEVON ENERGY OPERATING CORP.


Christell O. Sammons
Production Coordinator

enc.

Speed Letter®

To Ed Bonner

From Don Staley

~~State Lands~~ SCHOOL & INSTITUTIONAL
~~XXXXXX~~ TRUST LANDS ADMIN.

Oil, Gas and Mining

Subject Operator Change

— No. 9 & 10 FOLD
MESSAGE

Date 3-1 1995

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: Devon Energy Oper. Corp. (N5060)

New Operator : Snyder Oil Corp (N1305)

Well: _____ API: _____ Entity: _____ S-T-R: _____

See Attached (Highlighted)

— No. 9 FOLD

— No. 10 FOLD

CC: Operator File

Signed

Don Staley

REPLY

Date _____ 19 _____

— No. 9 & 10 FOLD

Signed

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-DEC
2-LWR 7-PL
3-DTS 8-SJ
4-VLC 9-FLE
5-RJF
6-LWP

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-94)

TO (new operator) **SNYDER OIL CORPORATION**
 (address) **PO BOX 129**
BAGGS WY 82321
 phone (307) 383-2800
 account no. N1305

FROM (former operator) **DEVON ENERGY OPER CORP**
 (address) **20 N BROADWAY STE 1500**
OKLAHOMA CITY OK 73102-8260
CHRIS SAMMONS
 phone (405) 552-4732
 account no. N5060

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-30656</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 12-20-94) (Reg. 1-20-95) (Reg. 2-27-95) (Rec'd 2-27-95)
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 12-14-94)
- NA 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-28-95)
- Sup 6. Cardex file has been updated for each well listed above. 2-1-95
- Sup 7. Well file labels have been updated for each well listed above. 2-1-95
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-28-95)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- JLC 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- JLC 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *# Trust Lands / Surety # 582468 / 800,000*
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- JLC 3. The former operator has requested a release of liability from their bond (yes/no) (no). Today's date Feb. 27, 1995. If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DCS 2. *3/1/95* Copies of documents have been sent to State Lands for changes involving State leases. *to id Bureau*

FILMING

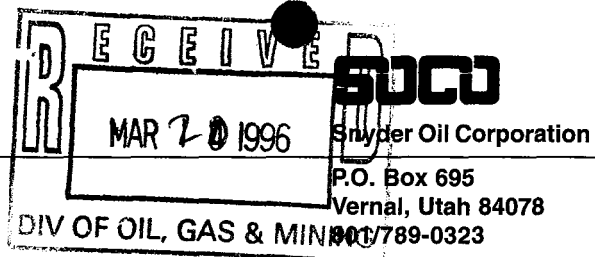
- ✓ 1. All attachments to this form have been microfilmed. Date: March 6 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950227 Btm / Vernal Appr. 2-2-95. (* Other wells on separate change)



March 19, 1996

Bureau of Land Management
710 S. 500 E.
Vernal, UT 84078

Utah State Division of Oil Gas & Mining
3 Triad Center, Suite #350
355 W. North Temple
Salt Lake City, Utah 84180-1203

RE: Site Security Diagrams

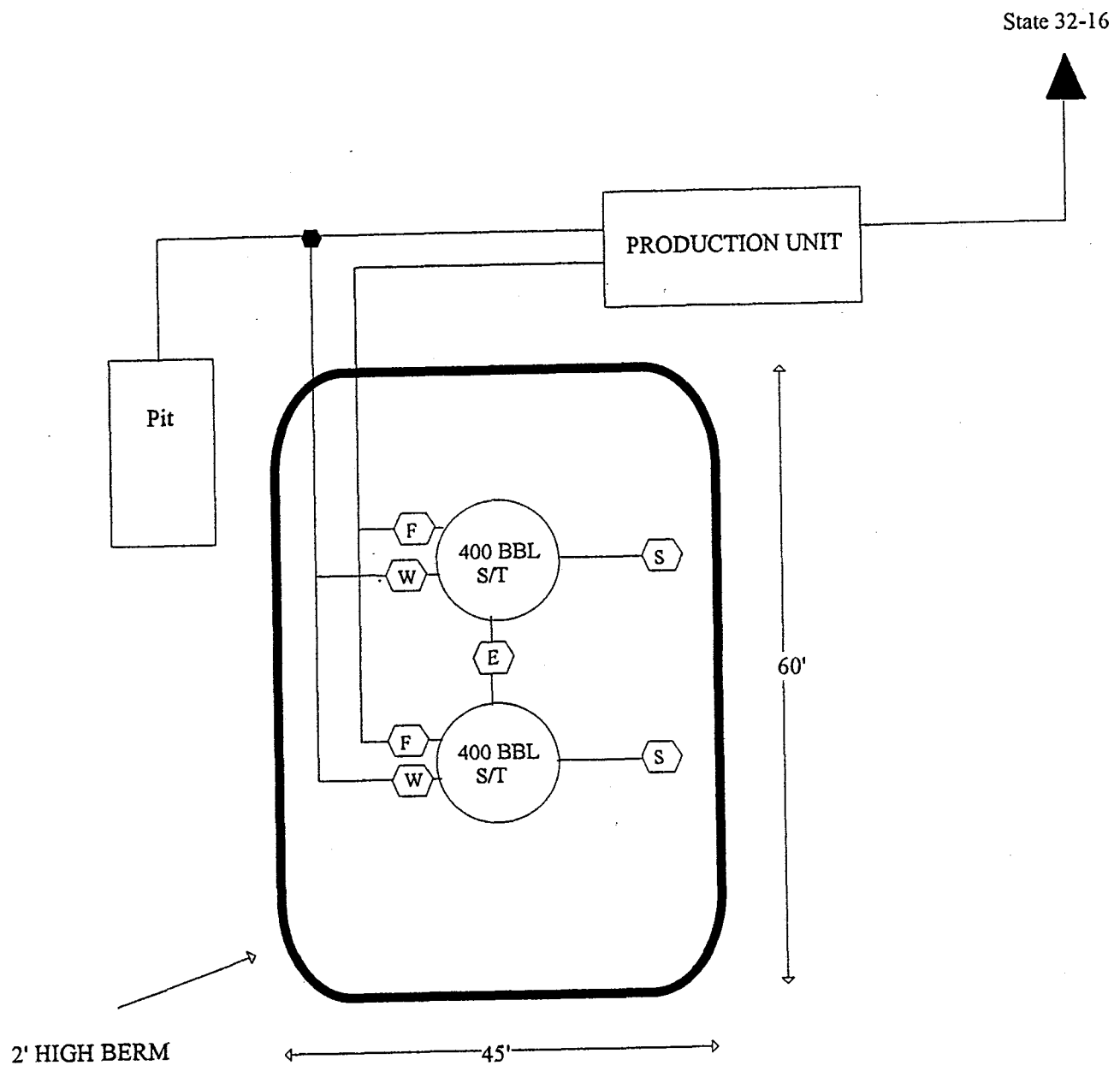
Gentlemen:

Enclosed are copies of additional Site Security Diagrams for wells operated by Snyder Oil Corporation. If you have any questions, please contact me at 801-789-0323.

Sincerely,

Lucy Nemec
Senior Clerk

RECEIVED
MAR 7 1996
DIV OF OIL, GAS & MINING



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION
P.O. BOX 695
VERNAL, UT 84078



Snyder Oil Corporation
STATE 32-16 SEC 16 T9S R16E DUCHESNE COUNTY, UT LEASE # ML-16532
Prepared By: JT 8/19/95
BUYS & ASSOCIATES, INC.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
SNYDER OIL CORPORATION

3. ADDRESS OF OPERATOR
P.O. Box 695, Vernal, UT 84078 801-789-0323

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.
ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Castle Peak

9. WELL NO.
32-16

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Section 16, T9S, R16E

14. API NUMBER
43-013-30650

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☒
(OTHER) ☐ Dispose of prod. wtr ☐

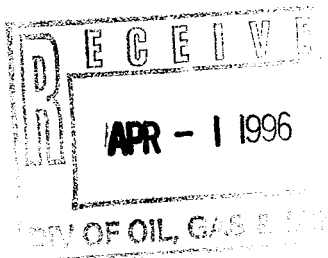
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(OTHER) ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Snyder Oil Corporation requests approval to change from a quarterly calibration schedule to a biannual calibration schedule for the above referenced well. This well makes less than 100 MCF/day.



18. I hereby certify that the foregoing is true and correct

SIGNED Lucy Nemes TITLE Senior Clerk

DATE: MARCH 27, 1996

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
SNYDER OIL CORPORATION

3. ADDRESS OF OPERATOR
P.O. Box 695, Vernal, UT 84078 801-789-0323

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
See below

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

14. API NUMBER

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(OTHER) ☐ Dispose of prod. wtr ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(OTHER) **Backfill evaporation pits** ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

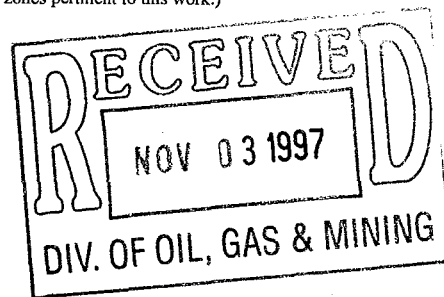
Snyder Oil Corporation reports the following evaporation pits were closed as follows:

1. Remove all liquids from the pit.
2. Contact the State office for an inspection of the pit and approval to backfill.
3. Backfill the pit.

Snyder Oil also requests approval to permanently dispose of produced water from the referenced wells, by tanking and then trucking it to Murray Disposal pit located in Section 12, T5S, R19E in LaPoint.

Locations

Stirrup 32-1-J	4304731646	S32-T6S-R21E	ML-40226
Castle Peal 32-16	4301330650	S16-T9S-R16E	ML-16532
Castle Peak 33-16	4301330640	S16-T9S-R16E	ML-16532
State 14-16	4304731417	S16-T7S-R21E	ML-40904
L.C.K. 30-1-H	4304731588	S30-T6S-R21E	080P4986C-689
State 16-1-O	4301331022	S16-T9S-R16E	ML-16532
Parietta Draw 28-44	4304731408	S28-T4S-R1E	FEE



**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 11-4-97

By: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Senior Clerk

DATE 10/24/97

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Snyder Oil Corporation
Southern Region

1200 Smith, Suite 3300
Houston, Texas 77002
713-646-6600

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

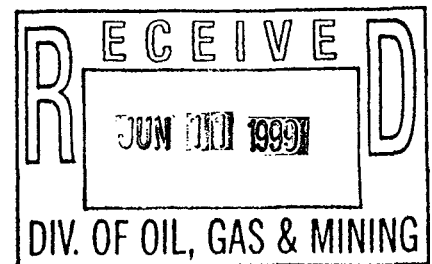
Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Phillip W. Bode".

Phillip W. Bode

Enclosure



Santa Fe Energy Resources, Inc.

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

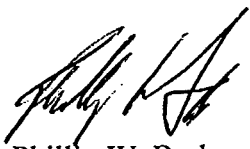
RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

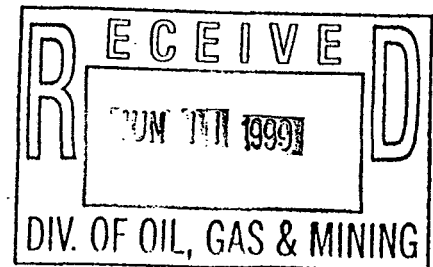
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



Enclosure

Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger
Surety Bond Number - JZ 7777
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

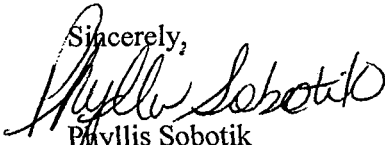
Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

Copy of Merger Certificate
Copy of the Office of the Secretary of State's Acceptance
Sundry Notices for Properties Located on Fee or State Land
Sundry Notice for Federal Properties
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

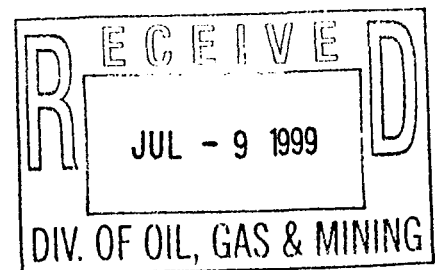
1625 Broadway, Suite 2200
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

Sincerely,

Phyllis Sobotik
Sr. Regulatory Specialist

/ps
Enclosures:

1625 Broadway
Suite 2200
Denver, Colorado 80202
303/592-8500
Fax 303/592-8600



State of Delaware
Office of the Secretary of State

PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

CERTIFICATE OF MERGER

**Merger of Snyder Oil Corporation, a Delaware corporation
With and Into
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks
Name: David L. Hicks
Title: Vice President — Law and
General Counsel

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

See Attached List

2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

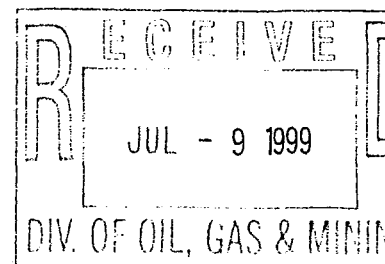
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

Phyllis Sobotik

Title

Sr. Regulatory Specialist

Date

01-Jul-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ Alger Pass #1			Alger Pass (Natural Buttes)	ACT	Uintah	SE/NE	2	11S	19E	ML 36213	STATE	43-047-31824	10828
✓ AnnaBelle #31-2J			Horseshoe Bend	ACT	Uintah	NW/SE	31	6S	21E	N/A	FEE	43-047-31698	10510
✓ Archy Bench State #1-2			Bitter Creek	INA	Uintah	NE/NE	2	11S	22E	ML 22348 A	STATE	43-047-31489	9871
Baser Draw Fed. #1C-31			Horseshoe Bend	ACT	Uintah	NE/SW	31	6S	22E	U 38411	FED	43-047-30831	2710
Baser Draw Fed. #2A-31			Horseshoe Bend	ACT	Uintah	SE/NE	31	6S	22E	U 31260	FED	43-047-30880	2710
Baser Draw Fed. #5-1			Horseshoe Bend	INA	Uintah	NW/NW	5	7S	22E	U 075939	FED	43-047-31833	10862
Baser Draw Fed. #6-1			Horseshoe Bend	ACT	Uintah	Lot 7	6	7S	22E	U 075939	FED	43-047-31834	10863
Baser Draw Fed. #6-2			Horseshoe Bend	ACT	Uintah	SW/NE	6	7S	22E	U 075939	FED	43-047-31859	10967
Bitter Creek #1-3			Bitter Creek	INA	Uintah	SW/NE	3	11S	22E	U 29797	FED	43-047-30524	1460
Bonanza Federal #3-15			Natural Buttes	ACT	Uintah	NE/NW	15	10S	23E	U 66406	FED	43-047-31278	8406
Canyon View #1-18			Natural Buttes	ACT	Uintah	SE/NW	18	10S	23E	U 38421	FED	43-047-30379	1485
Castle Peak #1-3			Monument Butte	INA	Duchesne	NE/NE	3	9S	16E	U 47172	FED	43-013-30639	1522
✓ Castle Peak State #32-16			Monument Butte (Castle Peak)	ACT	Duchesne	SW/NE	16	9S	16E	ML 16532	STATE	43-013-30650	445
✓ Castle Peak State #33-16			Monument Butte (Castle Peak)	ACT	Duchesne	NW/SE	16	9S	16E	ML 16532	STATE	43-013-30640	440
Cliff Edge #1-15			Natural Buttes	TAD	Uintah	NW/SE	15	10S	23E	U 66406	FED	43-047-30462	1524
Coors #14-1D			Horseshoe Bend	INA	Uintah	NW/NW	14	7S	21E	U 65223	FED	43-047-31304	11193
Coors Federal #2-10 (Federal 2-10HB)			Horseshoe Bend	INA	Uintah	SW/NE	10	7S	21E	U 65222	FED	43-047-32009	11255
Cotton Club #1			Horseshoe Bend	ACT	Uintah	NE/NE	31	6S	21E	U 31736	FED	43-047-31643	10380
Cottonwood Wash Unit #1			Buck Canyon	INA	Uintah	SW/NE	10	12S	21E	U 40729	FED	43-047-31774	10754
Crooked Canyon #1-17			Natural Buttes	TAD	Uintah	NE/NW	17	10S	23E	U 37355	FED	43-047-30369	1465
East Bench Unit #1			East Bench (Bench East)	INA	Uintah	NW/SE	33	11S	22E	U 61263	FED	43-047-31778	10795
East Gusher #2-1A			Gusher (Gusher East)	INA	Uintah	SE/SE	3	6S	20E	U 66746	FED	43-047-31431	11333
East Gusher #15-1A			Gusher (Gusher East)	ACT	Uintah	NE/NE	15	6S	20E	U 58007	FED	43-047-31900	11122
Federal #4-1			Horseshoe Bend	ACT	Uintah	NW/NW	4	7S	21E	U 28213	FED	43-047-31693	10196
Federal #4-2F			Horseshoe Bend	ACT	Uintah	SW/NW	4	7S	21E	U 28213	FED	43-047-31853	10933
Federal #5-5H			Horseshoe Bend	ACT	Uintah	SE/NE	5	7S	21E	U 66401	FED	43-047-31903	11138
Federal 11-1M & K1			Gusher (Horseshoe Bend)	INA	Uintah	SW/SW	11	6S	20E	U 20252	FED	43-047-32333	11443
Federal #21-1P			Horseshoe Bend	ACT	Uintah	SE/SE	21	6S	21E	U 30289	FED	43-047-31647	1316
Federal #33-1I			Horseshoe Bend	ACT	Uintah	NE/SE	33	6S	21E	U 44210	FED	43-047-31468	9615
Federal #33-2B			Horseshoe Bend	INA	Uintah	NW/NE	33	6S	21E	U 44210	FED	43-047-31621	9616
Federal #33-4D	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NW	33	6S	21E	U 44210	FED	43-047-31623	12323
Federal #34-2K			Horseshoe Bend	ACT	Uintah	NE/SW	34	6S	21E	U 63861	FED	43-047-31467	10550
Federal Miller #1			Horseshoe Bend	ACT	Uintah	NW/SW	4	7S	22E	U 0136484	FED	43-047-30034	2750
Flat Mesa #1-7			Natural Buttes	INA	Uintah	NW/SE	7	10S	23E	U 38420	FED	43-047-30365	1505
Flat Mesa #2-7			Natural Buttes	ACT	Uintah	SE/NW	7	10S	23E	U 38420	FED	43-047-30545	1506
✓ Gusher Unit #3			Gusher (Gusher East)	ACT	Uintah	NW/NE	10	6S	20E	ML 06584	STATE	43-047-15590	10341
Horseshoe Bend #2			Horseshoe Bend	INA	Uintah	NW/NE	3	7S	21E	U 0142175	FED	43-047-15800	11628
Horseshoe Bend #4			Horseshoe Bend	INA	Uintah	SE/NW	3	7S	21E	U 0142175	FED	43-047-15802	1315

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML 16532	
2. NAME OF OPERATOR Santa Fe Snyder Corporation		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200 Denver, CO 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE 2009' FNL, 1838' FEL		8. FARM OR LEASE NAME Castle Peak State	
14. API NUMBER 43-013-30650		9. WELL NO. #32-16	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5835' KB		10. FIELD AND POOL, OR WILDCAT Castle Peak	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16, T9S-R16E	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

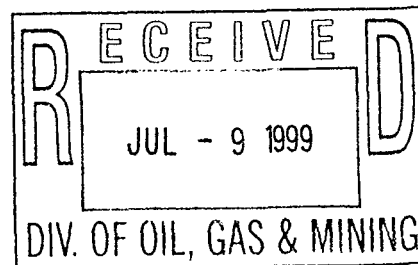
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Change of Operator</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However, in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger. A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Surety Bond Number - JZ 7777

New Operator Number - N2000



18. I hereby certify that the foregoing is true and correct

SIGNED <u>[Signature]</u>	TITLE <u>Sr. Regulatory Specialist</u>	DATE <u>7/1/99</u>
---------------------------	--	--------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

COPY

DOGM SPEED LETTER

To: Ed Bonner

From: Kristen Risbeck

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 08/11 19 99

Ed,

For your information, attached are copies of documents regarding an operator name change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Snyder Oil Corporation

New Operator: Sante Fe Snyder Corporation

Well(s):	API:	Entity:	S-T-R:	Lease:
Alger Pass 1	43-047-31824	10828	02-11S-19E	ML-36213
Archy Bench St. 1-2	43-047-31489	09871	02-11S-22E	ML-22348A
Castle Peak St. 32-16	43-013-30650	00445	16-09S-16E	ML-16532
Castle Peak St. 33-16	43-013-30640	00440	16-09S-16E	ML-16532
Gusher Unit 3	43-047-15590	10341	10-06S-20E	ML-06584
Horseshoe Bend 36-1P	43-047-31482	09815	36-06S-21E	ML-33225
Lookout Point 1-16	43-047-30544	01495	16-10S-23E	ML-22186A
State 14-16	43-047-31417	08010	16-07S-21E	ML-40904
State 16-1-O	43-013-31022	10200	16-09S-16E	ML-16532
State 16-2-N	43-013-31094	10199	16-09S-16E	ML-16532
Stirrup 32-1J	43-047-31646	09614	32-06S-21E	ML-40226
Stirrup St. 32-1	43-047-31557	12323	32-06S-21E	ML-22036
Stirrup St. 32-2	43-047-31626	12323	32-06S-21E	ML-22036
Stirrup St. 32-6	43-047-32784	12323	32-06S-21E	ML-22036
W. Walker St. 1C-32	43-047-30877	02720	32-06S-22E	ML-33526
West Walker St. 2-32	43-047-30878	02721	32-06S-22E	ML-33526

cc: Operator File

Signed Kristen Risbeck

REPLY

Date _____ 19 ____

Signed _____

OPERATOR CHANGE WORKSHEET

Routing:

1-KDR	6-KAS
2-GLH	7-SJ TP
3-JRB	8-FILE
4-CDW	9- <i>[Signature]</i>
5-KDR	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☒ Designation of Operator ☒ Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)	<u>SANTE FE SNYDER CORPORATION</u>	FROM: (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>P.O. BOX 129</u>	(address)	<u>P.O. BOX 129</u>
	<u>BAGGS, WYOMING 82321</u>		<u>BAGGS, WYOMING 82321</u>
	<u>Phone: (307) 383-2800</u>		<u>Phone: (307) 383-2800</u>
	<u>Account no. N2000 (6-24-99)</u>		<u>Account no. N1305</u>

WELL(S) attach additional page if needed:

*HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS

name: *SEE ATTACHED*	API: <u>43-013-30650</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- DR* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
- DR* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
- DR* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: #011879.
- DR* 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
- DR* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(7.12.99)*
- DR* 6. **Cardex** file has been updated for each well listed above.
- DR* 7. Well **file labels** have been updated for each well listed above. *(new system)*
- DR* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
- DR* 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- DR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- DR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- DR 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
(Rec'd 6-11-99 #J27777)
- DR 2. A copy of this form has been placed in the new and former operator's bond files.
- DR 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) (no), as of today's date 6-11-99. If yes, division response was made to this request by letter dated Aug. 12, 1999

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DR 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- JH 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- KS 1. All attachments to this form have been **microfilmed**. Today's date: 9-28-99.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF
OIL GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.


IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.**Unit:****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ST UNIT 2-35A2	43-013-30156	5765	35-01S-02W	STATE	OW	S
STATE 1-8A3	43-013-30286	9114	08-01S-03W	STATE	OW	S
CASTLE PEAK STATE 32-16	43-013-30650	445	16-09S-16E	STATE	OW	P
CASTLE PEAK STATE 33-16	43-013-30640	440	16-09S-16E	STATE	OW	P
STATE 16-1-0	43-013-31022	10200	16-09S-16E	STATE	OW	P
STATE 16-2-N	43-013-31094	10199	16-09S-16E	STATE	OW	P
STATE LND BRD UTE 1-35A (CA 9C-136)	43-047-30182	5520	35-01S-01W	STATE	OW	P
UT ST LND BRD 1-11B1	43-047-30171	5555	11-02S-01W	STATE	OW	P
STATE 1-14B1	43-047-30818	1420	14-02S-01W	STATE	OW	P
STIRRUP 32-1-J	43-047-31646	9614	32-06S-21E	STATE	OW	P
HORSESHOE BEND 36-1-P	43-047-31482	9815	36-06S-21E	STATE	GW	P
W WALKER STATE 1-32	43-047-30877	2720	32-06S-22E	STATE	GW	S
STATE 14-16	43-047-31417	8010	16-07S-21E	STATE	OW	P
WONSITS STATE 1-32	43-047-32820	12842	32-07S-22E	STATE	GW	P
WONSITS STATE 2-32	43-047-32819	12697	32-07S-22E	STATE	GW	P
WONSITS STATE 3-32	43-047-33676	13038	32-07S-22E	STATE	GW	P
WONSITS STATE 4-32	43-047-33677	99999	32-07S-22E	STATE	GW	APD
WONSITS STATE 5-32	43-047-33678	13053	32-07S-22E	STATE	GW	P
WONSITS STATE 6-32	43-047-33679	99999	32-07S-22E	STATE	GW	APD
WONSITS STATE 7-32	43-047-33680	99999	32-07S-22E	STATE	GW	APD

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/10/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/10/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals		6. Lease Designation and Serial Number ML-16532
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Castle Peak State 32-16
2. Name of Operator El Paso Production Oil & Gas Company		10. API Well Number 43-013-30650
3. Address of Operator P.O. Box 1148 Vernal, UT 84078	4. Telephone Number (435) 781-7023	11. Field and Pool, or Wildcat Monument Butte
5. Location of Well Footage : 2009' FNL & 1838' FEL County : Duchesne QQ, Sec. T., R., M : SWNE Sec. 16, T9S, R16E State : UT		
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

NOTICE OF INTENT
 (Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Storage Facility</u>	

Approximate Date Work Will Start Upon Approval

SUBSEQUENT REPORT
 (Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator requests authorization to store unused equipment on the subject location. The storage would be used for extra equipment used by our maintenance rigs when they travel to the Monument Butte area and make repairs for surrounding wells.

It would be economically productive and very time saving in order to store equipment on this location.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**

Date: 7/13/2002
 By: [Signature]

COPY SENT TO OPERATOR
 Date: 7-5-02
 Initials: CHD

14. I hereby certify that the foregoing is true and correct.

Name & Signature Cheryl Cameron Title Operations Date 06/24/02
 (State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 16532
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P. N 3065		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2009' FNL, 1838' FEL		8. WELL NAME and NUMBER: CASTLE PEAK 32-16
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 16 9S 16E		9. API NUMBER: 4301330650
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTES
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

AS A RESULT OF SALE, EL PASO E&P COMPANY, L.P. WILL BE TRANSFERRING OPERATORSHIP OF THE SUBJECT WELL EFFECTIVE OCTOBER 1, 2007, TO:

NEWFIELD PRODUCTION COMPANY AS THE CONTRACT OPERATOR ON BEHALF OF NEWFIELD RMI LLC
1401 17th STREET
DENVER, CO 80202

N 2695 (303) 893-0102

COMPANY'S BOND NUMBER: B 001834

NAME NEWFIELD PRODUCTION COMPANY TITLE BY: W. M. BLUMENSHINE, VICE PRESIDENT (NEWFIELD)
SIGNATURE [Signature] DATE: SEPTEMBER 25, 2007

NAME (PLEASE PRINT) EL PASO E&P COMPANY, L.P. BY: THOMAS M. HART, SR VICE PRESIDENT
SIGNATURE [Signature] 9/25/2007

(This space for State use only) APPROVED 11/29/07

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

NOV 09 2007

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

10/1/2007

FROM: (Old Operator):

N3065-El Paso E&P Company, LP
 1099 18th St, Suite 1900
 Denver, CO 80202

Phone: 1 (303) 291-6400

TO: (New Operator):

N2695-Newfield Production Company
 1401 17th St, Suite 1000
 Denver, CO 80202

Phone: 1 (303) 893-0102

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CASTLE PEAK STATE 33-16	16	090S	160E	4301330640	440	State	OW	P
CASTLE PK 32-16	16	090S	160E	4301330650	445	State	OW	P
STATE 16-1-0	16	090S	160E	4301331022	10200	State	OW	P
STATE 16-2-N	16	090S	160E	4301331094	10199	State	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/9/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/9/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/9/2007
- a. Is the new operator registered in the State of Utah: yes Business Number: 755627-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 11/29/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/29/2007
- Bond information entered in RBDMS on: 11/29/2007
- Fee/State wells attached to bond in RBDMS on: 11/29/2007
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: na/
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001834
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: CASTLE PK 32-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013306500000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2009 FNL 1838 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/1/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well. See attached proposed wellbore diagram.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 April 01, 2013

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A		DATE 3/27/2013

Spud Date: 3/26/82
 Put on Production: 9/8/82
 GL: 5825' KB: 5835'

Castle PK 32-16-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (214' FC)
 DEPTH LANDED: 255' Shoe
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs Class "G", circ. 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5561' FC)
 DEPTH LANDED: 5650' Shoe
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx 50/50 poz,
 CEMENT TOP: 4480' per CBL 8/5/82

TUBING (KS 8-11-82)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 157 jts
 TUBING ANCHOR: 5166.47'
 NO. OF JOINTS: 12 jts (370.75')
 SEATING NIPPLE: 2-7/8" (1.05')
 SN LANDED AT: 5539.67'
 NO. OF JOINTS: 1 jt (3.10')
 JT w/NOTCHED COLLAR: 1 jt (31.70')
 TOTAL STRING LENGTH: EOT @ 5584'

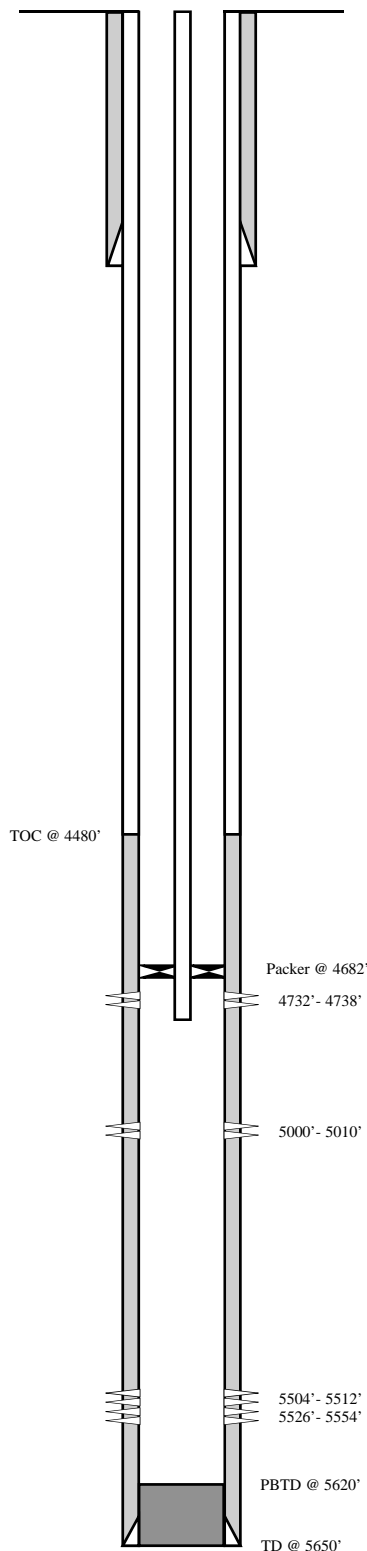
FRAC JOB

8/5/82 5504-5512', 5526-5554'

Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H2O w/62500# 20/40 sand & 10000# 10/20 sand.

8/6/82 5000-5010', 4732-4738'

Fraced w/25000 gal. VER-1400 gelled H2O w/28000# of 20/40 sand & 10000# of 10/20 sand.



PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes



CP State 32-16
 2009' FNL & 1838' FEL
 SW/NE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30650; Lease #ML-16532

JL 3/27/2013

RECEIVED: Mar. 27, 2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: CASTLE PK 32-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2009 FNL 1838 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013306500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/11/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Proposes to cement 1500' or more above the existing TOC. We will confirm the TOC with a new CBL taken immediately before the squeeze and conduct another CBL after the squeeze for each well. Current TOC 4480' Planned TOC 2980' or higher		
Approved by the Utah Division of Oil, Gas and Mining		Date: June 13, 2013 By: <u>Derek Duff</u>
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 6/11/2013



Mark Reinbold <markreinbold@utah.gov>

Castle Peak State 32-16-9-16: Squeeze Results

1 message

43-013-30650

9S 16E 16

Ryan Johnson <ryanjohnson@newfield.com>

Tue, Jun 25, 2013 at 5:06 PM

To: "markreinbold@utah.gov" <markreinbold@utah.gov>

Cc: Tony Urruty <turruty@newfield.com>, Chris Wilkerson <cwilkerson@newfield.com>

Mark,

Thanks again for meeting with us yesterday. I felt like it was a very productive meeting and we both understand each other a lot better now.

We perforated and performed the squeeze per the attached procedure on this well yesterday. Today we drilled out and performed a CBL. The results for the CBL weren't what we hope for: we have only about 280' of cement above the new perforations to 3366'. Our design was to get 1500' of cement in place.

There is a 22' stretch of really good cement around 3450' that should meet EPA type requirements (80% for 18') in this hole size as well as another good segment immediately above the perforations at 3600'. We had 100% returns while pumping the job, so were surprised to see 280' on the log. Please let me know if you approve of this job and we can move onto the next cement squeeze job. Please give me a call if you have any questions / concerns.

Thanks,

Ryan Johnson

Engineer, Production

Office: 303-685-8023 Ext 4023

Mobile: 303-888-3694

[Newfield Exploration]

"Newfield Exploration"

3 attachments**NEWFIELD**

image001.png

5K

**32-16-9-16 cement squeeze_rev1.doc**

33K

**State 32-16-9-16_post job.cbl.pdf**

1980K

Cement Squeeze Procedure to Raise Top of Cement

CP State 32-16
2009° FNL & 1838° FEL
SW/NE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30650; Lease #ML-16532

Date: 20 June 2013

Engineer: Ryan Johnson (303-888-3694)

This procedure is to raise the top of cement on the Castle Peak 32-16-9-16 from the current depth of 4480' to surface if possible in order to continue converting offset injectors.

Call engineer with any questions, test failures, or unexpected well conditions.

1. MIRU pulling unit.
2. Unseat pump. Soft seat and pressure test tubing to 3000 psi.
3. With good test, TOO H with rods, visually inspecting. Note any scale or wear in daily report and complete TDR at pump shop.
4. Release TAC and NU BOPs.
5. TOO H with 2-7/8" production tubing, visually inspecting. Note any scale or significant wear on daily report.
6. Set RBP on wireline at +/- 4600'. Pressure test to 3,000 psi. Dump 20' of sand on top of RBP and fill hole.
7. Conduct CBL.
8. If there is indication that cement exists higher than current understood depth of 4480', **immediately contact the engineer to discuss.**
9. TIH with perforation guns and perforate between 4380' and 4390'. Shoot one foot of holes at 4 SPF with 120° phasing, standard charge size.
10. Open surface casing valve (production annulus), and attempt to establish circulation through holes to surface casing. If pumping down tubing / casing does not work, attempt to pump down surface casing, and up tubing / casing.

11. **IF** circulation is established, callout cement trucks, TOO H, and prepare to circulate cement into place. **IF** circulation is severely restricted (less than 1 bpm), contact engineer for discussion.
12. TIH with cement retainer to 4350', and set retainer.
13. MIRU cementing equipment and pressure test lines to 3000 psi. Establish injection rate of +/- 3 bpm.
 - DO NOT exceed 2,000 psi while circulating or pumping cement.
14. Pump 65 bbls 11.0 ppg lead cement with fluid loss additives. Displace with 25 bbls water plus surface cement line capacity.
 - 65 bbls cement = 1,500' annular volume of gauge hole (46 bbls), plus casing volume between retainer and RBP (6 bbls), plus 25% excess (13 bbls)
 - 25 bbls water = 4350' volume of tubing at 0.0058 bbl/ft.
15. Note returns (i.e. full returns or partial returns) and any cement volume seen at surface in the report.
16. Unsting from retainer and pump 1.5 bbls cement above retainer. Displace with water per step 14.
17. TOO H 3 joints, and **reverse** circulate 2 tubing volumes. Continue circulating until returns are clean if necessary to remove cement from the wellbore.
18. TOO H with 2-7/8" tubing and lay down stinger.
 - NOTE: If unable to complete job in one day, **pull at least 2,000' above retainer** before shutting down for the night.
19. Wait on cement overnight.
20. MU bit and TIH to drill out cement and retainer. Do not remove sand from top of RBP. Circulate bottoms up and TOO H. Lay down bit.
21. Conduct CBL from depth of perforations to surface to confirm cement placed effectively. **Call engineer immediately if no cement is present behind casing.**
22. TIH w/pkr and RBP retrieving tool. Set packer above squeeze perms and pressure test squeeze to 500 psi.
23. **IF** test is good, release pkr and latch onto RBP. POOH w/RBP and Pkr. **IF** test is unsuccessful, swab down for negative test. Attempt to get tubing completely dry.

Monitor inflow for 1 hour. **IF** less than 20' inflow per hour, release pkr, latch onto RBP and POOH w/RBP and Pkr.

- If unsuccessful, establish injection rate and pressure with HO and contact engineer to discuss.

24. PU and RIH w/2-7/8" production tbg. ND BOPs and NU WH. Well has been deemed uneconomic and is on the conversion schedule for 2014, so there is no need to rod up.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: CASTLE PK 32-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013306500000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2009 FNL 1838 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/31/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Pipeline Installation"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

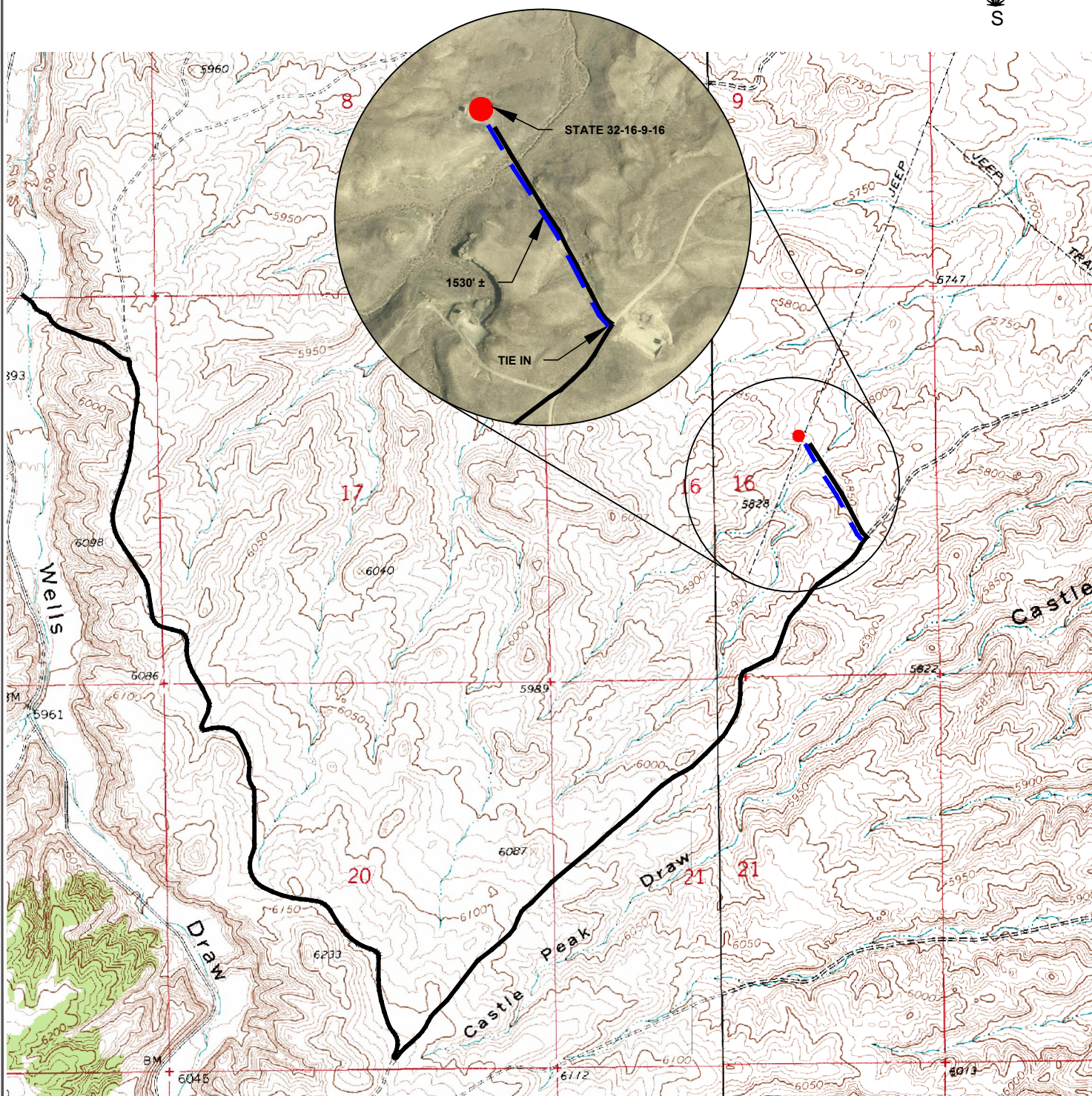
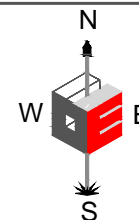
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield would like to install a buried 3" Flex-steel Pipe for purposes of Water Injection to the 32-16-9-16 totaling 1530' feet in length. Reclamation activities would commence after construction activities were complete.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 November 20, 2013

NAME (PLEASE PRINT) Brian Foote	PHONE NUMBER 435 823-1972	TITLE Regulatory Analyst
SIGNATURE N/A		DATE 10/8/2013

PROPOSED PIPELINE MAP



LEGEND	
	= EXISTING LOCATION
	= EXISTING ROAD
	= PROPOSED APPROXIMATE WATERLINE



STATE 32-16-9-16
ON S.I.T.L.A. GROUND
SEC. 16, T9S, R16E, S.L.B.&M.
DUCESNE COUNTY, UT.

NO BOUNDARY SURVEY HAS BEEN PERFORMED BY OUTLAW ENGINEERING ON THE ABOVE PARCELS OF GROUND. OUTLAW DOES NOT WARRANT ANY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION.



OUTLAW
ENGINEERING INC.
P.O. BOX 1800 ROOSEVELT,
UTAH 84066
(435) 232-4321

TOPOGRAPHIC
MAP

DATE SURVEYED: JULY 16, 2013
SURVEYED BY: DEK
DRAWN: JULY 17, 2013
SCALE: N.T.S.
DRAWN: DEK

SHEET NO.
C



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 29, 2014

Rosie Purnell
NEWFIELD PRODUCTION COMPANY
Rt 3 Box 3630
Myton, UT 84052

RE: Designation of Workover or Recompletion, Form 15.

Dear Rosie Purnell,

Enclosed is a copy of the referenced form received by the Division of Oil, Gas and Mining for the CASTLE PK 32-16 well (43013306500000). Total expenses in the amount of \$ 40325.00 were submitted for the Production Enhancement work that commenced on February 4, 2014 and was completed on February 7, 2014.

The total submitted expenses fall within the statutory definition of workover or recompletion. ***Therefore, your request for designation of the expenses as qualifying workover recompletion expenses is being approved as submitted for the amount of \$ 40325.00.***

Please contact me at (801) 538-5281 if you require further information regarding this matter. Thank you.

Sincerely,

Dustin K Doucet
Petroleum Engineer

Enclosures

cc: Utah Tax Commission w/enclosure
Operator file

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 15

AMENDED REPORT

Original Filing Date: 5/5/2014

DESIGNATION OF WORKOVER OR RECOMPLETION

1. Name of Operator NEWFIELD PRODUCTION COMPANY	2. Utah Account Number 82695.1	5. Well Name and Number CASTLE PK 32-16
3. Address of Operator State City Zip 1001 17th Street, Suite 2000 Denver CO 80202	4. Phone Number 303 382-4443	6. API Number 4301330650
9. Location of Well Footage: 2009 FNL 1838 FEL County: DUCHESNE QQ, Sec, Twnp, Rnge: SWNE 16 090S 160E State : UTAH		7. Field Name MONUMENT BUTTE 8. Field Code Number 105


COMPLETE ALL SECTIONS. ATTACH ADDITIONAL SHEETS IF NEEDED.

10. TYPE OF WORK (Check all that apply) <input type="checkbox"/> Production enhancement <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Convert to injection <input type="checkbox"/> Repair well	11. WORK PERIOD Date work commenced: 2/4/2014 87 Days From Date work completed: 2/7/2014 Completion
--	--

12. THE FOLLOWING EXPENSES ARE SUBMITTED FOR DESIGNATION AS WORKOVER OR RECOMPLETION EXPENSES:		
Description Of Work	Expenses	Approved By State
a. Location preparation and cleanup	50.00	50.00
b. Move-in, rig-up, and rig-down (including trucking)	0.00	0.00
c. Rig charges (including fuel)	18456.00	18456.00
d. Drill pipe or other working string	0.00	0.00
e. Water and chemicals for circulating fluid (including water hauling)	8524.00	8524.00
f. Equipment purchase	0.00	0.00
g. Equipment rental	2529.00	2529.00
h. Cementing	0.00	0.00
i. Perforating	0.00	0.00
j. Acidizing	0.00	0.00
k. Fracture stimulation	0.00	0.00
l. Logging services	0.00	0.00
m. Supervision and overhead	10766.00	10766.00
n. Other (itemize) 0 0	0.00 0.00 0.00	0.00 0.00 0.00
o. Total submitted expenses	40325.00	40325.00
p. Total approved expenses (State use only)		40325.00

Approved by the
Utah Division of
Oil, Gas and Mining

Date: July 29, 2014

By: 

13. LIST CONTRACTORS PROVIDING SERVICES VALUED AT MORE THAN \$3,000.		
Contractor	Location (City, State)	Services Provided
Winn-Marion Barber LLC	Engelwood CO	Equipment Rental
Newfield Drilling Services Inc	Roosevelt UT	Completion Rig

14. LIST WORKING INTEREST OWNERS WHO TAKE PRODUCT IN KIND AND ARE AUTHORIZED TO SHARE IN THE TAX CREDIT.			
Name	Address	Utah Account No.	Percent of Interest

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rosie Purnell

TITLE Revenue Accountant II

PHONE 281 210-5460

SIGNATURE Rosie Purnell

DATE May 5, 2014

E-MAIL rpurnell@newfield.com

RECEIVED: May. 05, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:		5. LEASE DESIGNATION AND SERIAL NUMBER:	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		UTAH STATE ML-16532	
2. NAME OF OPERATOR:		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
NEWFIELD PRODUCTION COMPANY		GMBU	
3. ADDRESS OF OPERATOR:		7. UNIT or CA AGREEMENT NAME:	
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		GMBU	
4. LOCATION OF WELL:		8. WELL NAME and NUMBER:	
FOOTAGES AT SURFACE: 2009 FNL 1838 FEL		FEDERAL 32-16-9-16	
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SWNE, 16, T9S, R16E		9. API NUMBER:	
		4301330650	
		10. FIELD AND POOL, OR WILDCAT:	
		GREATER MB UNIT	
		COUNTY: DUCHESNE	
		STATE UT	

II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/07/2014	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 02/06/2014. On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE

DATE 02/19/2014

(This space for State use only)

Daily Activity Report

Format For Sundry

CASTLE PK 32-16-9-16**12/1/2013 To 4/28/2014****2/4/2014 Day: 1****Conversion**

NC #3 on 2/4/2014 - MIRU NC#3, R/U S/Lne RIH, Tag PBTB @ 5620', N/U BOPs, TOO H W/ Tbg, Brake & Dope Each Conn. - 11:00AM-12:00PM Move Rig, 12:00PM MIRU NC#3, R/U H/Oiler To Tbg, Pmp 40BW Down Tbg @ 250*, R/U S/Lne W/ Depthometer, P/U & RIH, Tag PBTB @ 5620', POOH, L/D & R/D S/Lne, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, TOO H W/ 119jts 2 7/8 J-55 Tbg, Flush W/10BW Durring Trip To Clean ID Of Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 11:00AM-12:00PM Move Rig, 12:00PM MIRU NC#3, R/U H/Oiler To Tbg, Pmp 40BW Down Tbg @ 250*, R/U S/Lne W/ Depthometer, P/U & RIH, Tag PBTB @ 5620', POOH, L/D & R/D S/Lne, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, TOO H W/ 119jts 2 7/8 J-55 Tbg, Flush W/10BW Durring Trip To Clean ID Of Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl

Daily Cost: \$0**Cumulative Cost: \$8,195****2/5/2014 Day: 2****Conversion**

NC #3 on 2/5/2014 - TOO H, Brake & Dope Each Conn W/ Lubon 404G, RIH W/ Pkr, Psr Tst Tbg, Fish S/Vlve, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid, Pkr Would Not Set Properly, N/U BOPs, - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ Tbg, Brake & Dope Each Connection W/ Lubon 404G Dope(149jts Total), L/D 25jts Tbg(2jts Bad), P/U & RIH W/ Guid Collar, XN Nipple, 4' 2 3/8 Tbg Sub, 2 7/8X2 3/8 XO, Weatherford 5 1/2 Arrow Set Pkr, On/Off Tool, 2 7/8 Seat Nipple, & 149jts Tbg, R/U H/Oiler To Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Up To 2000psi & Psr Fell To 0psi, POOH W/ 1 Stand & Tbg Standing Full, RIH W/ Stand, R/U H/Oiler, Psr Tbg To 3000psi, Dropped To 2925psi @ 1.39psi Per Min & Held 2925psi For One hour, Good Tst, Bleed Off Psr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH W/ S/Vlve, L/D & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Eqp, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/ Pkr Fluid In It, N/D W/H-D, Try To Set Pkr, Pkr Would Take Wt, Would Only Pull To 15k# Over & Slip, Release Pkr & Try To Reset W/ Same Results, Work To Set W/ No Luck, P/U & RIH W/ 1jt Tbg To Change Setting Areas W/ Same Results, Pkr Would Not Set Properly, Work On Pkr 2hrs, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ Tbg, Brake & Dope Each Connection W/ Lubon 404G Dope (149jts Total), L/D 25jts Tbg(2jts Bad), P/U & RIH W/ Guid Collar, XN Nipple, 4' 2 3/8 Tbg Sub, 2 7/8X2 3/8 XO, Weatherford 5 1/2 Arrow Set Pkr, On/Off Tool, 2 7/8 Seat Nipple, & 149jts Tbg, R/U H/Oiler To Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Up To 2000psi & Psr Fell To 0psi, POOH W/ 1 Stand & Tbg Standing Full, RIH W/ Stand, R/U H/Oiler, Psr Tbg To 3000psi, Dropped To 2925psi @ 1.39psi Per Min & Held 2925psi For One hour, Good Tst, Bleed Off Psr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH W/ S/Vlve, L/D & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Eqp, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/ Pkr Fluid In It, N/D W/H-D, Try To Set Pkr, Pkr Would Take Wt, Would Only Pull To 15k# Over & Slip, Release Pkr & Try To Reset W/ Same Results, Work To Set W/ No Luck, P/U & RIH W/ 1jt Tbg To Change Setting Areas W/ Same Results, Pkr Would Not Set Properly, Work On Pkr 2hrs, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl **Finalized**

Daily Cost: \$0**Cumulative Cost: \$16,362**

2/7/2014 Day: 3**Conversion**

NC #3 on 2/7/2014 - TOO H W/ Pkr, P/U & RIH W/ New, Psr Tst Tbg, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid, Set Pkr, N/U Injection Tree, Psr Tst Csg & Pkr. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour (Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl

Daily Cost: \$0**Cumulative Cost:** \$25,329

2/11/2014 Day: 5**Conversion**

Rigless on 2/11/2014 - Conduct initial MIT - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$76,498

Pertinent Files: [Go to File List](#)

CREDITS FOR INJECTION CONVERSION / RECOMPLETION

FEDRAL 32-16-9-16

Date Commenced 2/4/2014

API Number 43-013-30650

CONVERSION

Date Completed 2/7/2014

Location	Rig Charges	Water and Chemicals	Equipment Purchase	Equipment Rental	Perforating	Acidizing	Fracture Stimulation	Logging Services	Supervision and Overhead	Other	SUPER
		1,812							-		administrative overhead
		6,140									transportation and hauling
											hot oil
											acidizing & fracing
											equipment rentals
		572		1,088							complt n fluids/water/chemical
		-									water disposal
											wireline/logging/perforating
	18,456										completion rig
	-										rig mob & demob
50									10,766		location prep, rmdtn & mntnc
				1,441							labor, supervision
											downhole equipment rental
50	18,456	8,524	-	2,529	-	-	-	-	10,766	-	

TOTAL

40,325

Source (Multiple Items) FEDERAL 32-16-9-16

Sum of Line_Amount				
Account	Account_Name	Service_Date	Party_Name	Total
885107	Chemical Treatment-Subsurface	2/4/2014	MULTI-CHEM GROUP LLC	285.94
		2/4/2014 Total		285.94
		2/6/2014	MULTI-CHEM GROUP LLC	285.94
		2/6/2014 Total		285.94
	Chemical Treatment-Subsurface Total			571.88
885107 Total				571.88
885128	Hot Oiling Services	2/4/2014	PREFERRED HOT OIL LLC	1934
		2/4/2014 Total		1934
		2/5/2014	PREFERRED HOT OIL LLC	1326.35
		2/5/2014 Total		1326.35
		2/6/2014	PREFERRED HOT OIL LLC	2156
		2/6/2014 Total		2156
		2/7/2014	PREFERRED HOT OIL LLC	724
	2/7/2014 Total		724	
Hot Oiling Services Total			6140.35	
885128 Total				6140.35
885138	Automation	2/19/2014	WINN-MARION BARBER LLC	3698.14
		2/19/2014 Total		3698.14
		2/27/2014	ROCKY MOUNTAIN AUTOMATION LLC	373
		2/27/2014 Total		373
		2/28/2014	PARAGON AUTOMATION INC	3126.53
		2/28/2014 Total		3126.53
		3/5/2014	RYAN ROSS SERVICES INC	228
	3/5/2014 Total		228	
Automation Total			7425.67	
885138 Total				7425.67
885140	Labor - Company Employees	3/31/2014	(blank)	313.88
		3/31/2014 Total		313.88
	Labor - Company Employees Total			313.88
885140 Total				313.88
885141	Labor - Contract Employees	2/4/2014	JESSEN ELECTRIC INC	155.89
		2/4/2014 Total		155.89
		2/5/2014	TOTAL SAFETY US INC	484.17
		2/5/2014 Total		484.17
		2/19/2014	US OILFIELD SERVICES LLC	1900
		2/19/2014 Total		1900
		2/28/2014	WINN-MARION BARBER LLC	7911.86
	2/28/2014 Total		7911.86	
Labor - Contract Employees Total			10451.92	
885141 Total				10451.92
885144	Location Remediation & Maintenance	2/10/2014	RASMUSSEN ROCK	49.8
		2/10/2014 Total		49.8
	Location Remediation & Maintenance Total			49.8
885144 Total				49.8
885146	Miscellaneous Services	1/22/2014	BENCO OIL SERVICES INC	424
		1/22/2014 Total		424
		2/4/2014	ZUBIATE MACHINE WORKS LLC	1017.12
		2/4/2014 Total		1017.12
	Miscellaneous Services Total			1441.12
885146 Total				1441.12
885150	Rig Costs - Dayrate	2/7/2014	NEWFIELD DRILLING SERVICES INC	18456
		2/7/2014 Total		18456
	Rig Costs - Dayrate Total			18456
885150 Total				18456
885162	Transportation - Land	2/4/2014	BLACK GOLD LLC	525
			ZUBIATE HOT OIL	417
		2/4/2014 Total		942
		2/7/2014	RUNNERS INC	522.5
		2/7/2014 Total		522.5

Source	(Multiple Items)	FEDERAL 32-16-9-16
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Sum of Line_Amount				
Account	Account_Name	Service_Date	Party_Name	Total
885162	Transportation - Land	2/28/2014	ZUBIATE HOT OIL	347.5
		2/28/2014 Total		347.5
	Transportation - Land Total			1812
885162 Total				1812
885302	Blow Out Preventors	2/6/2014	WEATHERFORD	1087.73
		2/6/2014 Total		1087.73
	Blow Out Preventors Total			1087.73
885302 Total				1087.73
885604	Packers & Liner Hangers	2/4/2014	WEATHERFORD	5676.26
		2/4/2014 Total		5676.26
	Packers & Liner Hangers Total			5676.26
885604 Total				5676.26
885613	Pipe - Tubing	2/7/2014	(blank)	-741.51
		2/7/2014 Total		-741.51
	Pipe - Tubing Total			-741.51
885613 Total				-741.51
885617	Wellhead	2/17/2014	PARAGON OILFIELD PRODUCTS	5542.27
		2/17/2014 Total		5542.27
		2/18/2014	US OILFIELD SERVICES LLC	1925
		2/18/2014 Total		1925
		2/25/2014	VETCO GRAY INC	2998.89
		2/25/2014 Total		2998.89
		2/28/2014	PARAGON OILFIELD PRODUCTS	207.64
	2/28/2014 Total		207.64	
Wellhead Total			10673.8	
885617 Total				10673.8
(blank)	(blank)	(blank)	(blank)	0
		(blank) Total		0
	(blank) Total			0
(blank) Total				0
Grand Total				63358.9

[illegible]

Well Costs

Code	Description	Comments	Daily	Cumulative
885120	Fluid Disposal	Fluid Disposal	\$600.00	\$600.00
885128	Hot Oiling Services	Hot Oiler	\$1,900.00	\$8,120.00
885138	Instrumentation	Instrumentation	\$8,400.00	\$8,400.00
885139	Labor - Company Supervision	NFX Supervision	\$600.00	\$1,500.00
885140	Labor - Company Employees	NFX Labor	\$160.00	\$160.00
885141	Labor - Contract Employees	Contract Labor	\$11,774.00	\$11,774.00
885143	Location Preparation		\$0.00	\$450.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$650.00
885150	Rig Costs - Dayrate		\$0.00	\$22,396.00
885162	Transportation - Land	Transportation	\$1,300.00	\$2,500.00
885302	Blowout Preventers		\$0.00	\$990.00
885304	Completion Fluids		\$0.00	\$300.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$180.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$24,734.00	\$58,020.00
885604	Packers & Liner Hangers		\$0.00	\$6,000.00
885613	Pipe - Tubing		\$0.00	\$0.00
885617	Wellhead	Wellhead	\$7,478.00	\$12,478.00
Total Tangibles:			\$7,478.00	\$18,478.00
Total Daily Costs:			\$32,212.00	\$76,498.00

Well Costs

Code	Description	Comments	Daily	Cumulative
885120	Fluid Disposal		\$0.00	\$0.00
885128	Hot Oiling Services	Preferred	\$800.00	\$6,220.00
885139	Labor - Company Supervision	Cody David	\$150.00	\$900.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$0.00
885143	Location Preparation		\$0.00	\$450.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services	Moutain West=\$150//MultiChem=\$500	\$650.00	\$650.00
885150	Rig Costs - Dayrate	NC#3	\$6,177.00	\$22,396.00
885162	Transportation - Land		\$0.00	\$1,200.00
885302	Blowout Preventers		\$0.00	\$990.00
885304	Completion Fluids		\$0.00	\$300.00
885603	Miscellaneous Subsurface Equip Rental	ZHO	\$180.00	\$180.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$7,957.00	\$33,286.00
885604	Packers & Liner Hangers	Weatherford 5 1/2 Arrow Set Pkr	\$6,000.00	\$6,000.00
885613	Pipe - Tubing		\$0.00	\$0.00
885617	Wellhead	Injection Tree	\$5,000.00	\$5,000.00
Total Tangibles:			\$11,000.00	\$11,000.00
Total Daily Costs:			\$18,957.00	\$44,286.00

Pump Information

Stroke Length:	0	SPM:	0	Well on Prod Date:		Well on Pump Date:	
Pump Notes:	LD RODS/PUMP 6/23/13						
Pump Unit Description:							
Motor Size:	0	Motor Description:					

Pump Type	Max ID	Bbl Lng	Ext Lng	Ext Lng 2	Plunger Size	Description
	0	0'	0'	0'	0	

psi, 64s, bbls, mcf	TP	CP	Choke	Oil Vol	Oil Rate	Water Vol	Water Rate	Gas Vol	Gas Rate
Daily Total									
Well Total									

Well Costs

Code	Description	Comments	Daily	Cumulative
885120	Fluid Disposal		\$0.00	\$0.00
885128	Hot Oiling Services	Preferred	\$2,160.00	\$5,420.00
885139	Labor - Company Supervision	Cody David	\$300.00	\$750.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$0.00
885143	Location Preparation		\$0.00	\$450.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	NC#3	\$6,177.00	\$16,219.00
885162	Transportation - Land		\$0.00	\$1,200.00
885302	Blowout Preventers	Weatherford	\$330.00	\$990.00
885304	Completion Fluids		\$0.00	\$300.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$8,967.00	\$25,329.00

885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885617	Wellhead		\$0.00	\$0.00
Total Tangibles:			\$0.00	\$0.00
Total Daily Costs:			\$8,967.00	\$25,329.00

Well Costs

Code	Description	Comments	Daily	Cumulative
885120	Fluid Disposal		\$0.00	\$0.00
885128	Hot Oiling Services	Preferred	\$1,360.00	\$3,260.00
885139	Labor - Company Supervision	Cody David	\$300.00	\$450.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$0.00
885143	Location Preparation		\$0.00	\$0.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	NC#3	\$6,177.00	\$10,042.00
885162	Transportation - Land		\$0.00	\$1,200.00
885302	Blowout Preventers	Weatherford	\$330.00	\$660.00
885304	Completion Fluids		\$0.00	\$300.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$8,167.00	\$16,362.00
885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885617	Wellhead		\$0.00	\$0.00
Total Tangibles:			\$0.00	\$0.00
Total Daily Costs:			\$8,167.00	\$16,362.00

Day 1

Well Costs

Code	Description	Comments	Daily	Cumulative
885120	Fluid Disposal		\$0.00	\$0.00
885128	Hot Oiling Services	Preferred	\$1,900.00	\$1,900.00
885139	Labor - Company Supervision	Cody David	\$150.00	\$150.00
885140	Labor - Company Employees		\$0.00	\$0.00
885141	Labor - Contract Employees		\$0.00	\$0.00
885143	Location Preparation	Benco	\$450.00	\$450.00
885144	Location Remediation & Maintenance		\$0.00	\$0.00
885146	Miscellaneous Services		\$0.00	\$0.00
885150	Rig Costs - Dayrate	NC#3	\$3,865.00	\$3,865.00
885162	Transportation - Land	WWS, Runners, ZHO	\$1,200.00	\$1,200.00
885302	Blowout Preventers	Weatherford	\$330.00	\$330.00
885304	Completion Fluids	C&D Trucking	\$300.00	\$300.00
885603	Miscellaneous Subsurface Equip Rental		\$0.00	\$0.00
885963	Contingency		\$0.00	\$0.00
Total Intangibles:			\$8,195.00	\$8,195.00

885604	Packers & Liner Hangers		\$0.00	\$0.00
885613	Pipe - Tubing		\$0.00	\$0.00
885617	Wellhead		\$0.00	\$0.00
Total Tangibles:			\$0.00	\$0.00
Total Daily Costs:			\$8,195.00	\$8,195.00



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

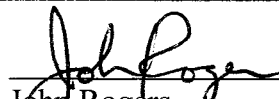
Cause No. UIC-415

Operator: Newfield Production Company
Well: Castle Peak 32-16
Location: Section 16, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-30650
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 9, 2014.
2. Maximum Allowable Injection Pressure: 1,564 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,988' – 5,620'). The injection top is limited by the nearby Castle Peak State 33-16 well (43-013-30640).
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

Date

2/26/2014

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	Newfield Production Company
ADDRESS	1001 17th Street, Suite 2000
	Denver, Colorado 80202

Well Name and number:		Castle Peak #32-16-9-16	
Field or Unit name:		Monument Butte (Green River)	Lease No. ML-#16532
Well Location:		QQ SWNE section 16 township 9S range 16E county Duchesne	
Is this application for expansion of an existing project? Yes [X] No []			
Will the proposed well be used for:		Enhanced Recovery? Yes [X] No []	
		Disposal? Yes [] No [X]	
		Storage? Yes [] No [X]	
Is this application for a new well to be drilled? Yes [] No [X]			
If this application is for an existing well,			
has a casing test been performed on the well? Yes [] No [X]			
Date of test: _____			
API number: 43-013-30650			
Proposed injection interval: from 3945 to 5620			
Proposed maximum injection: rate 500 bpd pressure 1564 psig			
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.			
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.			
List of Attachments: Attachments "A" through "H-1"			
I certify that this report is true and complete to the best of my knowledge.			
Name:		Jill L. Loyle	Signature
Title:		Regulatory Associate	Date
Phone No.:		303-383-4135	
(State use only)			
Application approved by			Title
Approval Date			

Spud Date: 3/26/82
 Put on Production: 9/8/82
 GL: 5825' KB: 5835'

Castle PK 32-16-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (214' FC)
 DEPTH LANDED: 255' Shoe
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs Class "G", circ. 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5561' FC)
 DEPTH LANDED: 5650' Shoe
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx 50/50 poz,
 CEMENT TOP: 4480' per CBL 8/5/82

TUBING (KS 8-11-82)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 157 jts
 TUBING ANCHOR: 5166.47'
 NO. OF JOINTS: 12 jts (370.75')
 SEATING NIPPLE: 2-7/8" (1.05')
 SN LANDED AT: 5539.67'
 NO. OF JOINTS: 1 jt (3.10')
 JT w/NOTCHED COLLAR: 1 jt (31.70')
 TOTAL STRING LENGTH: EOT @ 5584'

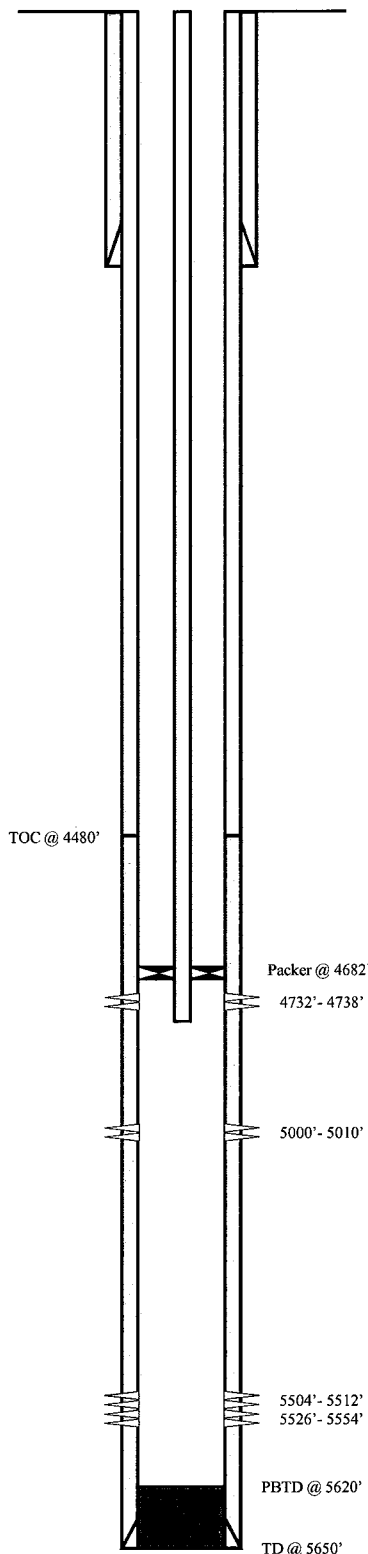
FRAC JOB

8/5/82 5504-5512', 5526-5554'

Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H2O w/62500# 20/40 sand & 10000# 10/20 sand.

8/6/82 5000-5010', 4732-4738'

Fraced w/25000 gal. VER-1400 gelled H2O w/28000# of 20/40 sand & 10000# of 10/20 sand.



PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes

NEWFIELD

CP State 32-16
 2009' FNL & 1838' FEL
 SW/NE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30650; Lease #ML-16532

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 **The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to convert the Castle Peak #32-16-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Castle Peak #32-16-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3945' - 5620'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3621' and the TD is at 5650'.

- 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Castle Peak #32-16-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-16532) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 255' KB, and 5-1/2", 15.5# casing run from surface to 5650' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1564 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Castle Peak #32-16-9-16, for existing perforations (4732' - 5554') calculates at 0.72 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1564 psig. We may add additional perforations between 3621' and 5650'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Castle Peak #32-16-9-16, the proposed injection zone (3945' - 5620') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-10.

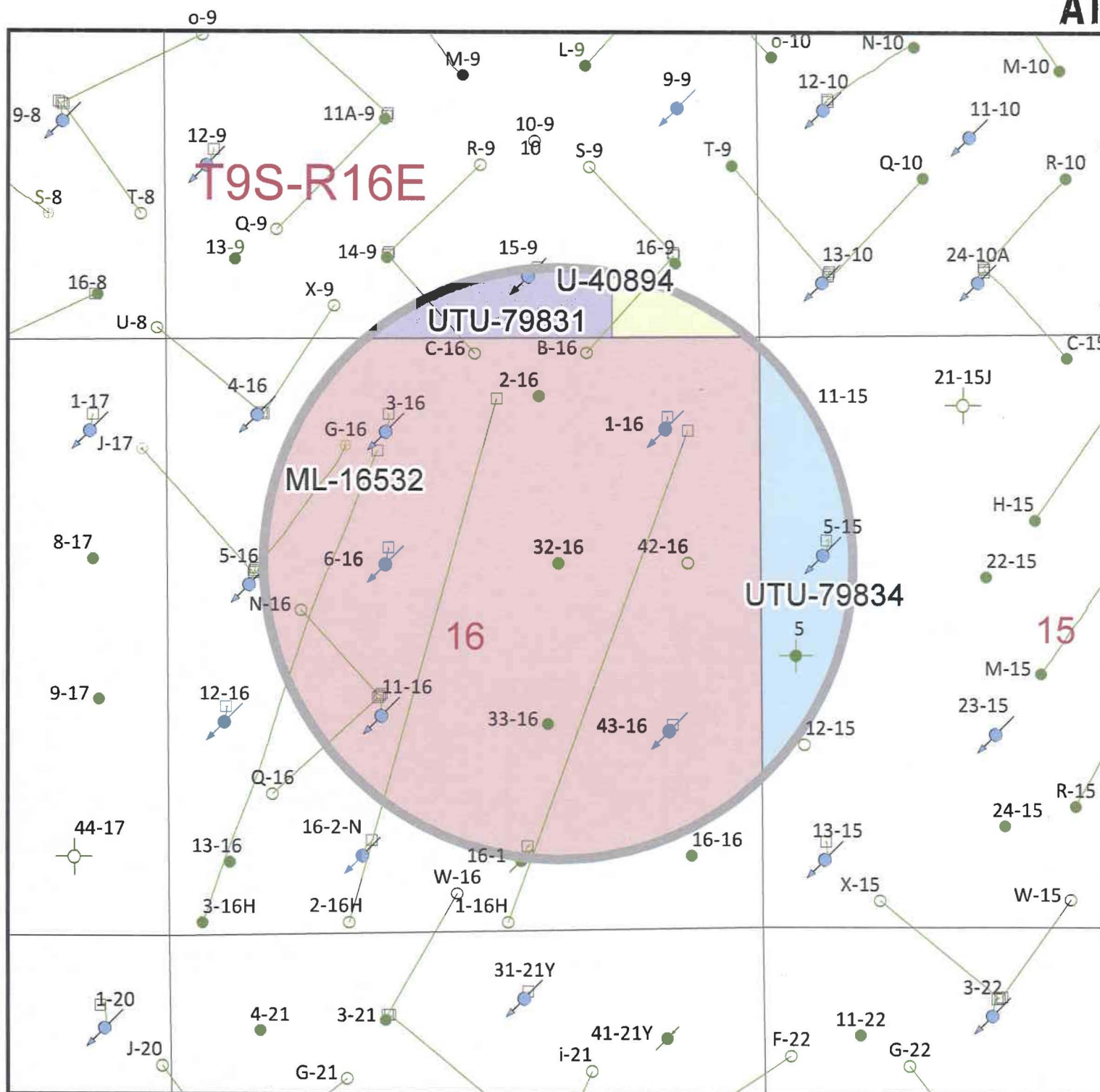
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



Lease Number

- ML-16532
- U-40894
- UTU-79831
- UTU-79834

Half-Mile Buffer

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In
- Well Surface Location

Castle Peak 32-16-9-16
Section 16, T9S-R16E



1/2 Mile Radius Map

Duchesne County

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

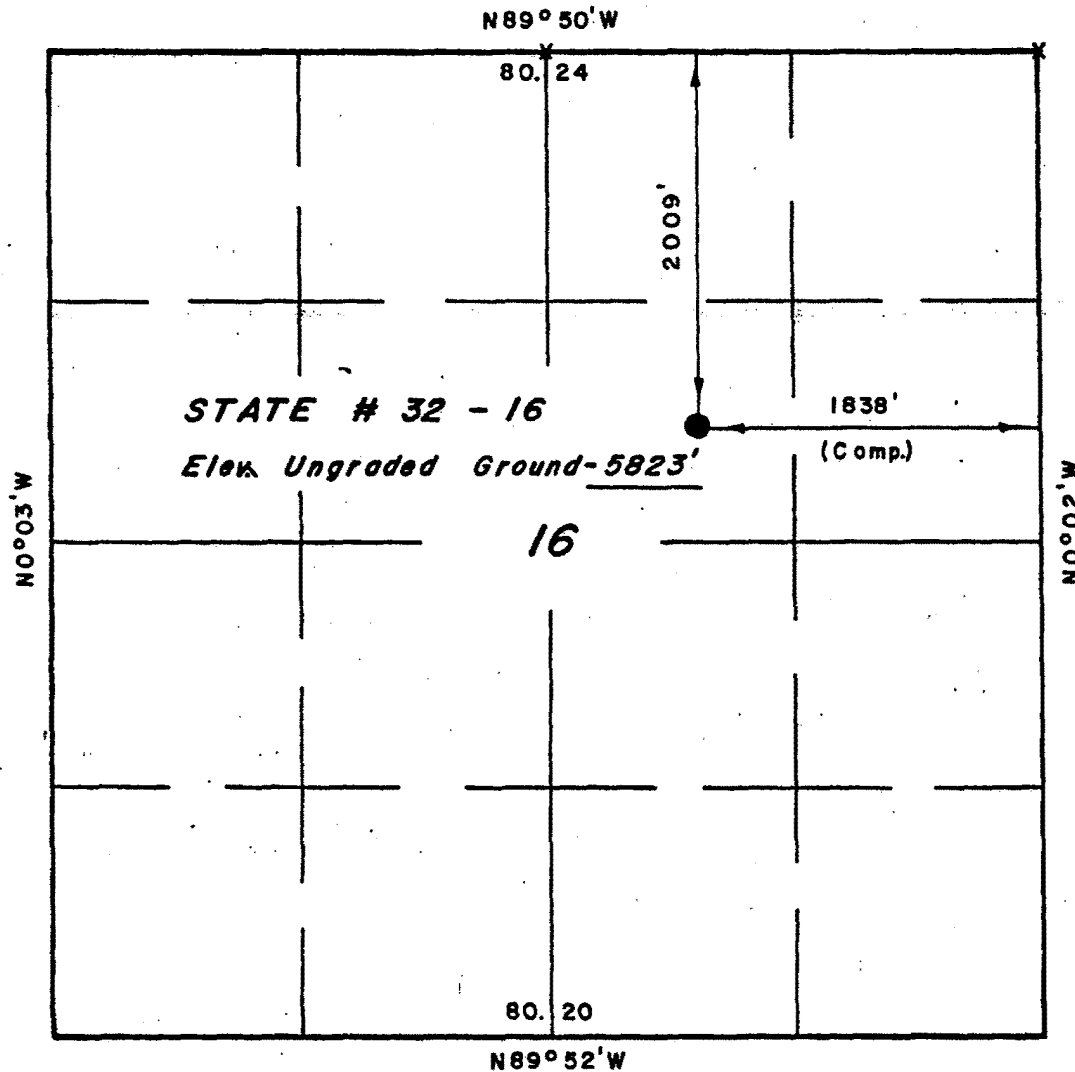
Nov. 6, 2013

ATTACHMENT A-1

PROJECT
ENERGETICS INC.

Well location, STATE #32-16,
located as shown in the SW 1/4
NE 1/4 Section 16, T9S, R16E, S.L.M.
Duchesne County, Utah.

T 9 S, R 16 E, S.L.B.&M.



X = Section Corners Located



RECEIVED
MAR 19 1982

DIVISION OF
OIL, GAS & MINING

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. Smith

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 1/28/82
PARTY L.D.T. SH. S.B.	REFERENCES GLO Plat
WEATHER Cool	FILE ENERGETICS

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 16: ALL	State of Utah ML 16532 HBP	QEP Energy Company El Paso E&P Company, LP Isramco Resources Inc Brave River Production Santa Fe Snyder Corporation Santa Fe Snyder Corporation Oxy USA Inc MYCO Industries Inc ABO Petroleum Corporation Yates Petroleum Corporation Newfield RMI LLC Newfield Production Company	State of Utah
2	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 9: E2SW, SWSE	USA UTU-79831 HBP	Newfield Production Company Newfield RMI LLC	USA
4	T9S-R16E SLM Section 9: N2SE, SESE	USA UTU-40894 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Castle Peak #32-16-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

Jill L. Loyle
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 3rd day of December, 2013.

Notary Public in and for the State of Colorado: _____

Lydia Biondo

My Commission Expires: _____

12/31/15

LYDIA BIONDO
Notary Public
State of Colorado

Castle PK 32-16-9-16

Spud Date: 3/26/82
 Put on Production: 9/8/82
 GL: 5825' KB: 5835'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (214' FC)
 DEPTH LANDED: 255' Shoe
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs Class "G", circ. 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5561' FC)
 DEPTH LANDED: 5650' Shoe
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx 50/50 poz,
 CEMENT TOP: 4480' per CBL 8/5/82

TUBING (KS 8-11-82)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 157 jts
 TUBING ANCHOR: 5166.47'
 NO. OF JOINTS: 12 jts (370.75')
 SEATING NIPPLE: 2-7/8" (1.05')
 SN LANDED AT: 5539.67'
 NO. OF JOINTS: 1 jt (3.10')
 JT w/NOTCHED COLLAR: 1 jt (31.70')
 TOTAL STRING LENGTH: EOT @ 5584'

SUCKER RODS (KS 3-15-95)

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: 211 x 3/4" Sucker Rods, 8 x 7/8" Guided Rods
 PUMP SIZE: 2-1/2" x 1-1/4" x 12' x 14-1/2" RHAC
 STROKE LENGTH: 146"
 PUMP SPEED, SPM: 3.9
 PUMPING UNIT: DARCO C-640-365-168

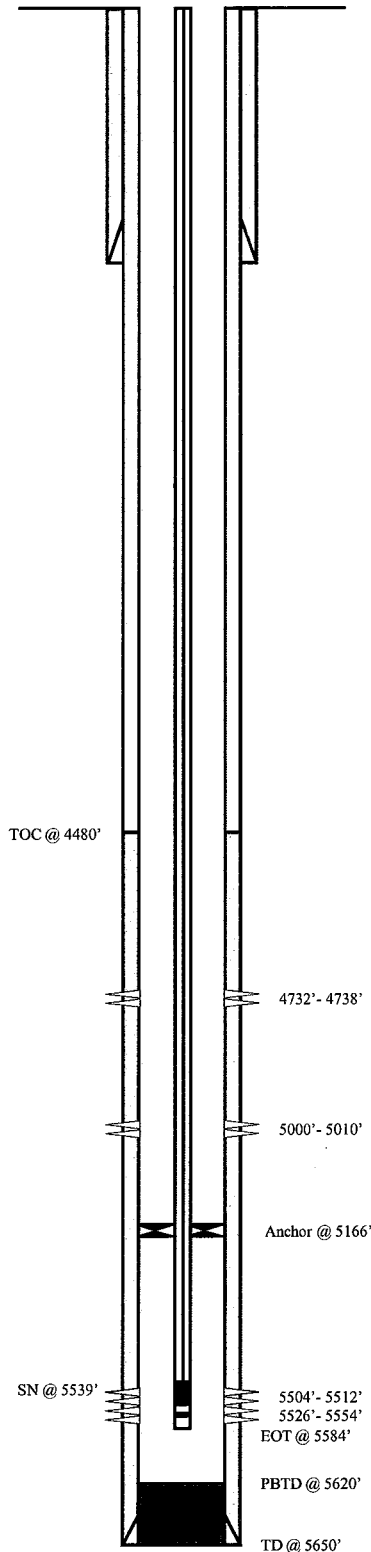
FRAC JOB

8/5/82 5504-5512', 5526-5554'

Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H2O w/62500# 20/40 sand & 10000# 10/20 sand.

8/6/82 5000-5010', 4732-4738'

Fraced w/25000 gal. VER-1400 gelled H2O w/28000# of 20/40 sand & 10000# of 10/20 sand.

PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes

NEWFIELD

CP State 32-16
 2009' FNL & 1838' FEL
 SW/NE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30650; Lease #ML-16532

Castle Peak State 43-16-9-16

Spud Date: 10/20/81
 Put on Production: 5/06/82
 GL: 5882' KB: 5892'

Initial Production: 90 BOPD,
 TSTM MCFD, 10 BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 36#
 LENGTH: 235'
 DEPTH LANDED: 245' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs cement.

PRODUCTION CASING

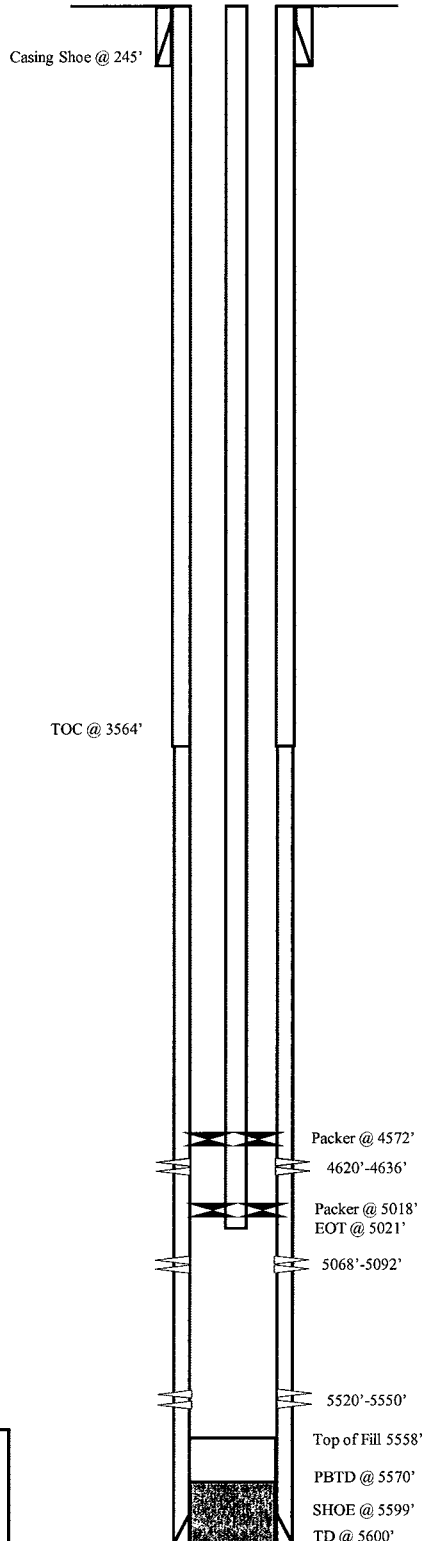
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5590'
 DEPTH LANDED: 5598.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 450 sxs cement.
 CEMENT TOP AT: 3564'

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
 NO. OF JOINTS: 1 jt (31.4')
 TUBING PUP: 2-3/8" / N-80 / 4.7# 1 jt (8.0')
 ON/OFF TOOL: 1 jt 4-1/2" (1.4')
 ARROW PKR: CE @ 4572.43'
 TUBING: 2-3/8" / N-80 / 4.7# 14 jt (438.0')
 X/N NIPPLE: 2-3/8" / J-55 / 4.7# (1.2)
 2-7/8 x 2-3/8 XO: (0.5)
 SEAL NIPPLE: 3.875 / J-55 / 6.5# (0.3)
 ARROW PKR: @ 5018'
 EOT @ 5021.34'

FRAC JOB

5520'-5550'	Frac w/ 60,000# sand.
5068'-5092'	Frac w/ 48,000# sand.
4620'-4636'	Frac w/ 48,000# sand.
6/26/92	Hole in tubing. Update rod and tubing details.
5/27/04	Tubing leak. Update rod and tubing details.
9/22/04	Tubing leak. Update rod and tubing details.
7-26-05	Pump Change: Update tubing and rod details
8/24/07	Parted rods. Updated rod & tubing details.
03/11/08	Tbg Leak Updated rod and tubing detail
10-29-08	Pump Change. Updated rod & tubing details.
6/8/09	Tubing Leak. Updated r & t details.
05/25/11	Temporary Abandonment
06/13/11	MIT for TA
05/17/12	Convert to Injection Well
05/22/12	Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

4620'-4636'	2 SPF	34 holes
5068'-5092'	2 SPF	50 holes
5520'-5550'	2 SPF	60 holes



Castle Peak State 43-16-9-16
 1820' FSL & 820' FEL
 NE/SE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30594; Lease #ML-16532

Castle Peak State 33-16-9-16

Spud Date:
Put on Production: 5/27/1982
GL: 5856' KB: 5892'

Initial Production:

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 24
LENGTH: 250'
DEPTH LANDED: 242.48'
HOLE SIZE: 12-1/4"
CEMENT DATA: 200sx Class "G"

PRODUCTION CASING

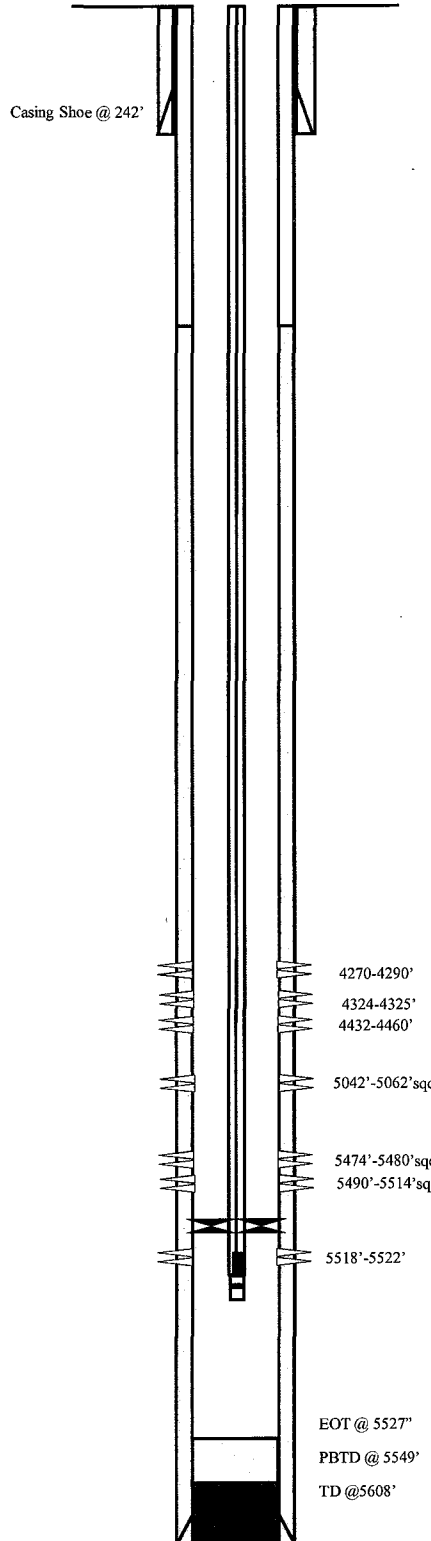
CSG SIZE: 5-1/2"
GRADE:
WEIGHT: 15.5#
LENGTH:
DEPTH LANDED: 5608'
HOLE SIZE: 7-7/8"
CEMENT DATA: .250sx 50/50 Poz
CEMENT TOP AT: 3780'

Tubing Record

Size: 2-7/8"

FRAC JOB

5474-5522' 54,300 gal. Versagel 1400 with 62,500# 20-40 sand & 10,000# 10-20 sand.
5042-5062' 32,000 gal. Ver 1400 with 38,000# 20-40 sand & 10,000# 10-20 sand..
4432-4460' Frac with 38,000 gal. Ver 1400 with 50,000# 20-40 sand & 10,000# 10-20 sand. Squeeze with 150 sx Class 'H' = additives.
4324-4325' Squeeze with 30 bbl 2% KCL water, 10 bbl mud flush. Mix & pump 100 sx 50-50 Poz + additives. Displace with 261/2 bbl 2% KCL water.
4270-4290' Frac with 32,000 gal. Ver 1400 with 38,000# 20-40 sand & 19,000# 10-20 sand. Squeeze with 150 sx Class 'H' cement + additives.



PERFORATION RECORD

5474-5480'	2 SPF
5490-5514'	2 SPF
5518-5522'	2 SPF
5042-5062'	2 SPF
4432-4460'	2 SPF
4324-4325'	2 SPF 4 holes
4270-4290'	2 SPF



Castle Peak State 33-16-9-16
1838 FSL - 1925 FEL
NW/SE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30640; Lease #ML-16532

Spud Date: 3/29/08
 Put on Production: 5/21/08
 GL: 5776' KB: 5788'

State 1-16-9-16

Injection Wellbore
DiagramSURFACE CASING

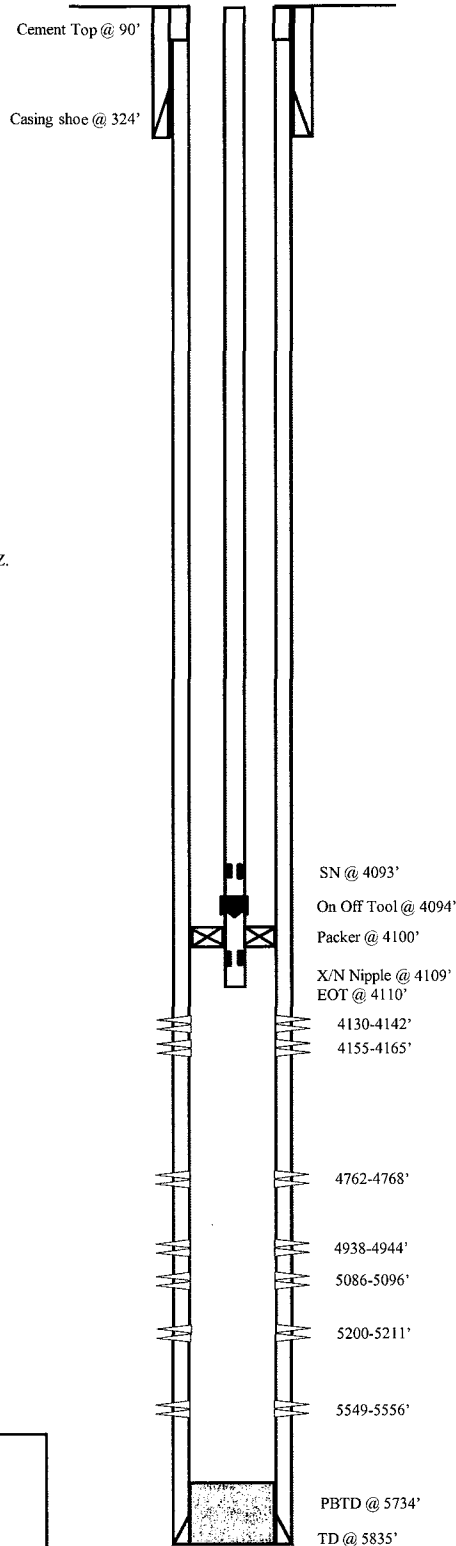
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts
 DEPTH LANDED: 323.67
 HOLE SIZE: 12-1/4"
 CEMENT DATA: To surface with 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152 jts
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5835'
 CEMENT DATA: 300 sx Prem. Lite II & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 130 jts (4081')
 SEATING NIPPLE: 2-7/8" N-80 (1.10')
 SN LANDED AT: 4093' KB
 ON/OFF TOOL AT: 4094.1'
 ARROW #1 PACKER CE AT: 4100.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4104.1'
 TBG PUP 2-3/8 J-55 AT: 4104.6'
 X/N NIPPLE AT: 4108.7'
 TOTAL STRING LENGTH: EOT @ 4110.27'

FRAC JOB

05-15-08 5549-5556' **Frac CPI sds as follows:** 19,592# 20/40 sand in 324 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2457 psi @ ave rate of 23.1 BPM. ISIP 1720 psi. Actual Flush: 5040 gals.

05-15-08 5200-5211' **Frac LODC sds as follows:** 44,487# 20/40 sand in 448 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2174 psi @ ave rate of 23.4 BPM. ISIP 2560 psi. Actual Flush: 4696 gals.

05-15-08 5086-5096' **Frac A1 sds as follows:** 45,335# 20/40 sand in 439 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1987 psi @ ave rate of 23.3 BPM. ISIP 2240 psi. Actual Flush: 4578 gals.

05-15-08 4938-4944' **Frac B2 sds as follows:** 20,020# 20/40 sand in 310 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2133 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1885 psi. Actual Flush: 4431 gals.

05-15-08 4762-4768' **Frac D3 sds as follows:** 20,619# 20/40 sand in 307 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1898 psi @ ave rate of 23.4 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2099 psi. Actual Flush: 4255 gals.

05-15-08 4155-4165' **Frac GB4 & GB6 sds as follows:** 91,335# 20/40 sand in 664 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1983 psi @ ave rate of 23.3 BPM. ISIP 1900 psi. Actual Flush: 4078 gals.

2/19/09 **Pump Change.** Updated r & t details.

9/17/09 **Tubing Leak.** Updated rod & tubing details.

11/19/09 **Pump Change.** Updated rod & tubing.

6/14/2010 **Tubing Leak.** Update rod and tubing details

03/25/11 **Pump Change.** Rod & tubing updated.

07/11/13 **Convert to Injection Well**

07/15/13 **Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

4130-4142'	4 JSPF	48 holes
4155-4165'	4 JSPF	40 holes
4762-4768'	4 JSPF	24 holes
4938-4944'	4 JSPF	24 holes
5086-5096'	4 JSPF	40 holes
5200-5211'	4 JSPF	44 holes
5549-5556'	4 JSPF	28 holes

NEWFIELD



State 1-16-9-16

687' FNL & 831' FEL

NE/NE Section 16-T9S-R16E

Duchesne Co, Utah

API #43-013-33845; Lease #Utah State ML-16532

LCN 07/22/13

State 16-1-O

Spud Date: 01/04/85
 Put on Production: 03/23/85
 GL: 5927' KB: 5941'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: ?
 WEIGHT: 24#
 LENGTH: 250'
 DEPTH LANDED: 250' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 250 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts
 DEPTH LANDED: 5646'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs High Left & 485 sxs Class "G"
 CEMENT TOP AT: <1000' per CBL 3/5/85

TUBING (GI 11/7/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5343.80')
 TUBING ANCHOR: 5359.8'
 NO. OF JOINTS: 2 jts (61.22')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5424.82'
 NO. OF JOINTS: 1 (31.57')
 GAS ANCHOR: 2-7/8" (5.33')
 NO OF JOINTS: 2 (63.89')
 PBGA: 0.74'
 TOTAL STRING LENGTH: EOT @ 5527.45'

SUCKER RODS (GI 12/15/11)

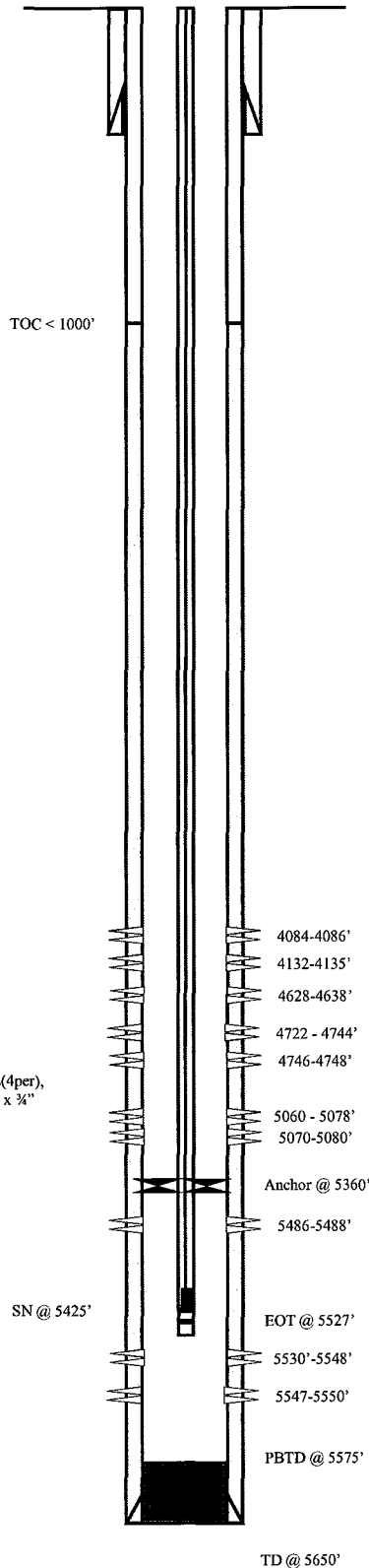
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 2', 4', 4', 8 x 7/8" pony rods, 10 x 7/8" guided rods(4per),
 123 x 3/4" sucker rods, 15 x 3/4" guided rods, 21 x 3/4" sucker rods, 39 x 3/4"
 guided rods(4per), 5 x 1" stabilizer bars, 5 x 1-1/2" sinker bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 4
 PUMPING UNIT: LUFKIN C-320-250-84

FRAC JOB

3/9/85	5530-5548'	Frac'd with: 80000# 20/40 sand in 761 bbls gelled water
3/13/85	5060-5078'	Frac'd with: 50000# 20/40 sand in gelled water
3/16/85	4722-4744'	Frac'd with: 50000# 20/40 sand in 481 bbls gelled water
11/14/11	5486-5550'	Frac'd CP1 sands with: 38960# 20/40 sand in 312 bbls Lightning 17
11/19/11	5070-5080'	Frac'd A1 sands with: 48942# 20/40 sand in 392 bbls Lightning 17
11/19/11	4746-4748'	Frac'd D3 sands with: 34173# 20/40 sand in 283 bbls Lightning 17
11/21/11	4628-4638'	Frac'd D1 sands with: 34603# 20/40 sand in 283 bbls Lightning 17
11/21/11	4084-4135'	Frac'd GB4&GB6 sands with: 30474# 20/40 sand in 247 bbls Lightning 17

PERFORATION RECORD

5530-5548'	4 JSPF	72 Holes
5060-5078'	4 JSPF	72 Holes
4722-4744'	4 JSPF	88 Holes
5547-5550'	3 JSPF	9 Holes
5486-5488'	3 JSPF	6 Holes
5070-5080'	3 JSPF	30 Holes
4746-4748'	3 JSPF	6 Holes
4628-4638'	3 JSPF	30 Holes
4132-4135'	3 JSPF	9 Holes
4084-4086'	3 JSPF	6 Holes



NEWFIELD

State 16-1-0

755' FSL & 2110' FEL

SW/SE Section 16-T9S-R16E

Duchesne County, Utah

API #43-013-31022; Lease #ML-16532

State 2-16-9-16

Spud Date: 3/31/08

Put on Production: 5/28/08

GL: 5809' KB: 5821'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (314.36')

DEPTH LANDED: 324.36'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx Class "G", circ. 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts (5817.67')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5815.67'

CEMENT DATA: 315 sxs Prem. Lite II & 415 sxs 50/50 Poz

CEMENT TOP AT: 54' per CBL 5/15/08

TUBING (GI 4/5/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 178 jts (5548.8')

TUBING ANCHOR: 5560.8'

NO. OF JOINTS: 1 jt (31.5')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5595.1' KB

NO. OF JOINTS: 2 jts (62.1')

NOTCHED COLLAR: 2-7/8" (0.5')

TOTAL STRING LENGTH: EOT @ 5659' KB

SUCKER RODS (GI 4/5/11)

POLISHED ROD: 1-1/2" x 26' polished rod

SUCKER RODS: 8', 4', 4' 7/8" pony rods, 97 x 3/4" guided rods, 79 x 3/4" guided rods, 40 x 3/4" guided rods, 6 x 1-1/2" weight rods, 6(4') x 1" stabilizer rods.

PUMP SIZE: 2-1/2" x 1-1/4" x 16 RHAC

STROKE LENGTH: 63"

PUMP SPEED, SPM: 4

PUMPING UNIT: LUFKIN C-228-212-86

FRAC JOB

05-21-08 5546-5556' **Frac CPI sds as follows:**
15,030# 20/40 sand in 274 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1971 psi @ ave rate of 26.4 BPM. ISIP 1642 psi. Actual Flush: 5040 gals.

05-21-08 5304-5315' **Frac LODC sds as follows:**
20,640# 20/40 sand in 313 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2881 psi @ ave rate of 23 BPM. ISIP 2797 psi. Actual Flush: 4801 gals.

05-21-08 4807-4817' **Frac C sds as follows:**
24,830# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2219 psi @ ave rate of 23 BPM. ISIP 2256 psi. Actual Flush: 4330 gals.

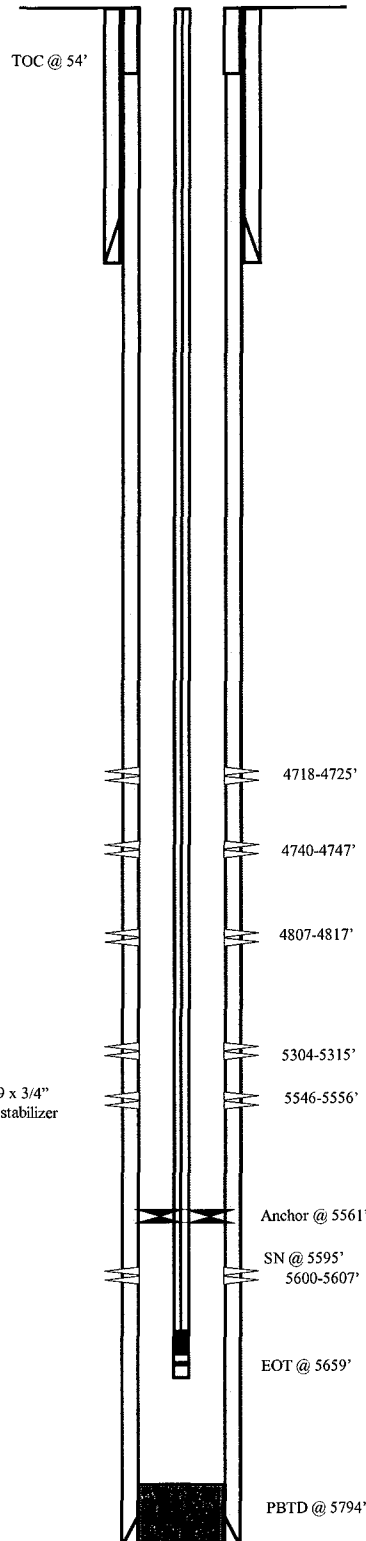
05-22-08 4718-4725' **Frac D2 & D3 sds as follows:**
25,834# 20/40 sand in 447 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2017 psi @ ave rate of 23.5 BPM. ISIP 2000 psi. Actual flush: 4670 gals.

2/18/09

Tubing Leak. Updated r & t details.

4/7/11

Tubing leak. Updated Rod & tubing details.

PERFORATION RECORD

4718-4725'	4 JSPF	28 holes
4740-4747'	4 JSPF	28 holes
4807-4817'	4 JSPF	40 holes
5304-5315'	4 JSPF	44 holes
5546-5556'	4 JSPF	40 holes
5600-5607'	4 JSPF	28 holes



State 2-16-9-16
497' FNL & 1982' FEL
NW/NE Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33846; Lease #ML-16532

Spud Date: 02-28-08
Put on Production: 05-13-08
GL: 5841' KB: 5853'

State 3-16-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 10 jts
DEPTH LANDED: 443'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 209 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5855.97'
CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 148 jts (4526.9')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4538.9' KB
ON/OFF TOOL AT: 4540.0'
ARROW #1 PACKER CE AT: 4545'
XO 2-3/8 x 2-7/8 J-55 AT: 4548.8'
TBG PUP 2-3/8 J-55 AT: 4549.3'
X/N NIPPLE AT: 4553.4'
TOTAL STRING LENGTH: EOT @ 4555'

FRAC JOB

04-22-08 5571-5592' **Frac C1 sds as follows:**
Frac w/144,428# 20/40 sand in 1022 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1764 psi w/ ave rate of 25.2 BPM. ISIP 2006 psi. Actual Flush: 5065 gals.

04-22-08 5203-5211' **Frac L.ODC sds as follows:**
Frac w/24,817# 20/40 sand in 356 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2477 psi w/ ave rate of 23.3 BPM. ISIP 2543. Actual Flush: 4696 gals.

04-22-08 5094-5109' **Frac A1 sds as follows:**
Frac w/38,375# 20/40 sand in 420 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2034 psi w/ ave rate of 23.3 BPM. ISIP 2543 psi. Actual Flush: 4586 gals.

04-22-08 4944-4954' **Frac B2 sds as follows:**
Frac w/30,349# 20/40 sand in 383 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1804 psi w/ ave rate of 23.3 BPM. ISIP 1842 psi. Actual Flush: 4439 gals.

04-22-08 4824-4839' **Frac C sds as follows:**
Frac w/48,027# 20/40 sand in 446 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2057 psi w/ ave rate of 23.3 BPM. ISIP 2063 psi. Actual Flush: 4318 gals.

04-22-08 4710-4724' **Frac D2 sds as follows:**
Frac w/37,944# 20/40 sand in 423 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2539 psi w/ ave rate of 23.4 BPM. ISIP 2646 psi. Actual Flush: 4624 gals.

Updated Rod & Tubing detail.
Convert to Injection Well
Conversion MIT Finalized – update tbg detail

SN @ 4539' 05/11/2012
On Off Tool @ 4540' 11/19/12
Packer @ 4545' 11/20/12
X/N Nipple @ 4553'
EOT @ 4555'

4710-4724'
4824-4839'
4944-4954'
5094-5109'
5203-5211'
5571-5592'
5606-5620'

PBTD @ 5812'
TD @ 5855'

PERFORATION RECORD

4710-4724'	4 JSPF	56 holes
4824-4839'	4 JSPF	60 holes
4944-4954'	4 JSPF	40 holes
5094-5109'	4 JSPF	60 holes
5203-5211'	4 JSPF	32 holes
5571-5592'	4 JSPF	84 holes
5606-5620'	4 JSPF	56 holes

NEWFIELD

State 3-16-9-16
660' FNL & 1990' FWL
NE/NW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33847; Lease #Utah State ML-16532

Spud Date: 03-03-08
 Put on Production: 05-12-08
 GL: 5876' KB: 5888'

State 6-16-9-16

Injection Wellbore Diagram

SURFACE CASING

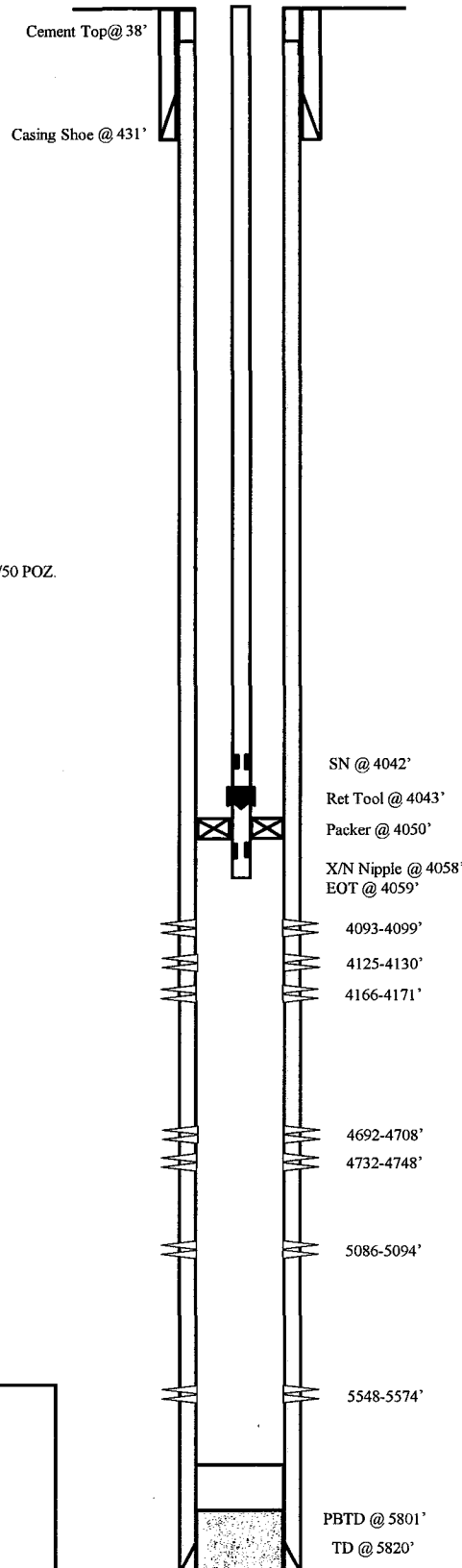
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts. (321.48')
 DEPTH LANDED: 431'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 205 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (5809.35')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5822.6'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 38'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4030')
 SEATING NIPPLE: 2-7/8" N-80 (1.10')
 SN LANDED AT: 4042' KB
 RET TOOL N-80 AT: 4043.1'
 ARROW #1 PACKER CE AT: 4050.1'
 XO 2-3/8 x 2-7/8 J-55 AT: 4053.1'
 TBG PUP 2-3/8 J-55 AT: 4053.6'
 X/N NIPPLE AT: 4057.7'
 TOTAL STRING LENGTH: EOT @ 4059.27



FRAC JOB

4-29-08	5548-5574'	Frac CP1 sands as follows: Frac with 125681 #'s of 20/40 sand in 903 bbls of Lightning 17 fluid. Treat at an ave pressure of 1713 psi @ 23.9 BPM. ISIP 2198 psi.
4-29-08	5086-5094'	Frac A1 sands as follows: Frac with 60763 #'s of 20/40 sand in 507 bbls of Lightning 17 fluid. Treat at an ave pressure of 2229 psi @ 23.2 BPM. ISIP 2405psi.
4-29-08	4692-4748'	Frac D3 & D2 sands as follows: Frac with 133141 #'s of 20/40 sand in 962 bbls of Lightning 17 fluid. Treat at an ave pressure of 2005 psi @ 24.6 BPM. ISIP 2005 psi.
4-29-08	4093-4171'	Frac GB4 & GB6 sand as follows: Frac with 43849 #'s 20/40 sand in 426 bbls of Lightning 17 fluid. Treat at an ave pressure of 1908 psi @ 23.2 BPM. ISIP 1900 psi.
7/14/08		Pump change. Updated tubing and rod detail.
9/9/08		Pump Change. Updated rod & tubing details.
3/23/10		Pump change. Updated rod and tubing detail.
1/26/12		Parted rods. Updated rod and tubing detail.
07/18/13		Convert to Injection Well
07/18/13		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

4093-4099'	4 JSPF	24 holes
4125-4130'	4 JSPF	20 holes
4166-4171'	4 JSPF	20 holes
4692-4708'	4 JSPF	64holes
4732-4748'	4 JSPF	64 holes
5086-5094'	4 JSPF	32 holes
5548-5574'	4 JSPF	104 holes

NEWFIELD

State 6-16-9-16

1847' FNL & 1974' FWL

SENW Section 16-T9S-R16E

Duchesne Co, Utah

API #43-013-33850; Lease # Utah State ML-16532

PBTD @ 5801'

TD @ 5820'

Spud Date: 07-16-08
 Put on Production: 08-27-08
 GL: 5907' KB: 5919'

State 11-16-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts. (403.45')
 DEPTH LANDED: 413.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 218 sxs Class "G" cmt

PRODUCTION CASING

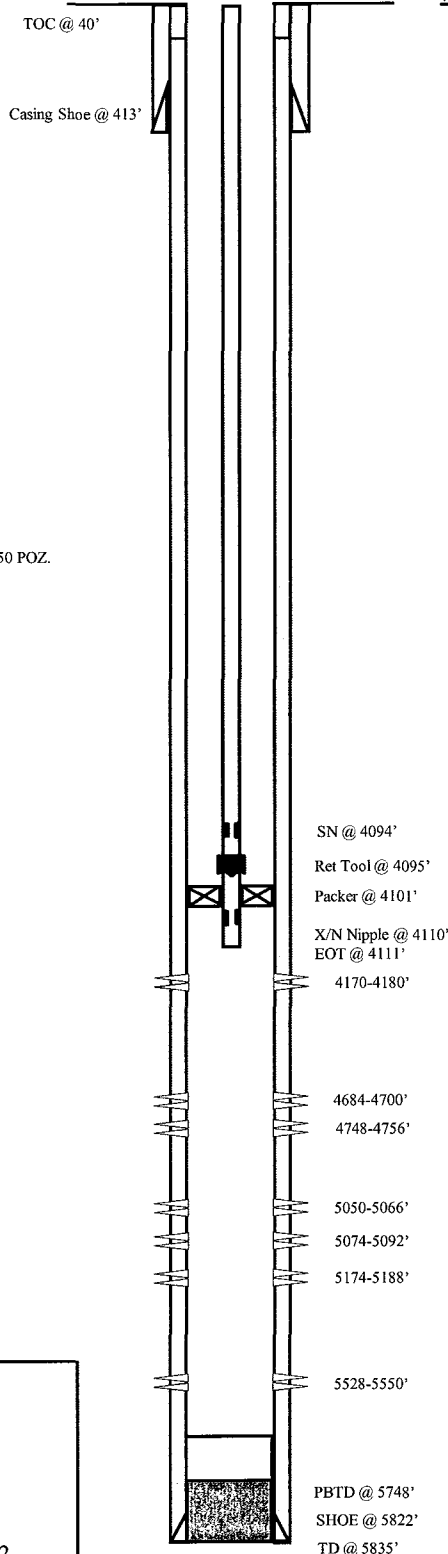
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5809.54')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5822.14'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4082')
 SEATING NIPPLE: 2-7/8" N-80 (1.10')
 SN LANDED AT: 4094' KB
 RET TOOL N-80 AT: 4095.1'
 ARROW #1 PACKER CE AT: 4101.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4105.1'
 TBG PUP 2-3/8 J-55 AT: 4105.6'
 X/N NIPPLE AT: 4109.7'
 TOTAL STRING LENGTH: EOT @ 4111.27'

FRAC JOB

08-18-08	5528-5550'	Frac CPI sands as follows: Frac with 85230 #'s of 20/40 sand in 662 bbls of Lightning 17 fluid. Treat at an ave pressure of 1430 psi @ 23.3 BPM. ISIP 1935 psi.
08-18-08	5174-5188'	Frac LODC sands as follows: Frac with 35330 #'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Treat at an ave pressure of 3100 psi @ 20.1 BPM. ISIP 4026 psi.
08-18-08	5050-5092'	Frac A1 sands as follows: Frac with 84924 #'s of 20/40 sand in 701 bbls Lightning 17 fluid. Treat at an ave pressure of 1705 psi @ 23.2 BPM. ISIP 2112 psi.
08-18-08	4684-4756'	Frac D2 & D3 sands as follows: Frac with 50386 #'s of 20/40 sand in 440 bbls of Lightning 17 fluid. Treat at an ave pressure of 1826 psi @ 23.1 BPM. ISIP 2101 psi.
08-18-08	4170-4180'	Frac GB6 sands as follows: Frac with 39122 #'s of 20/40 sand in 370 bbls of Lightning 17 fluid. Treat at an ave pressure of 1873 psi @ 23.1 BPM. ISIP 1993 psi.
9/10/08		Pump Change. Updated rod & tubing details.
07/16/13		Convert to Injection Well
07/17/13		Conversion MIT Finalized – update tbg detail

**NEWFIELD**

State 11-16-9-16
 2129' FSL & 1899' FWL
 NESW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33851; Lease # ML-16532

PERFORATION RECORD

4170-4180'	4 JSPF	40 holes
4684-4700'	4 JSPF	64 holes
4748-4756'	4 JSPF	32 holes
5050-5066'	4 JSPF	64 holes
5074-5092'	4 JSPF	72 holes
5174-5188'	4 JSPF	56 holes
5528-5550'	4 JSPF	88 holes

Spud Date: 03/27/07
 Put on Production: 05/18/07
 GL:5788' KB:5800'

FEDERAL 15-9-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.28')
 DEPTH LANDED: 324.13' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (6038.30')
 DEPTH LANDED: 6051.55' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 52'

TUBING

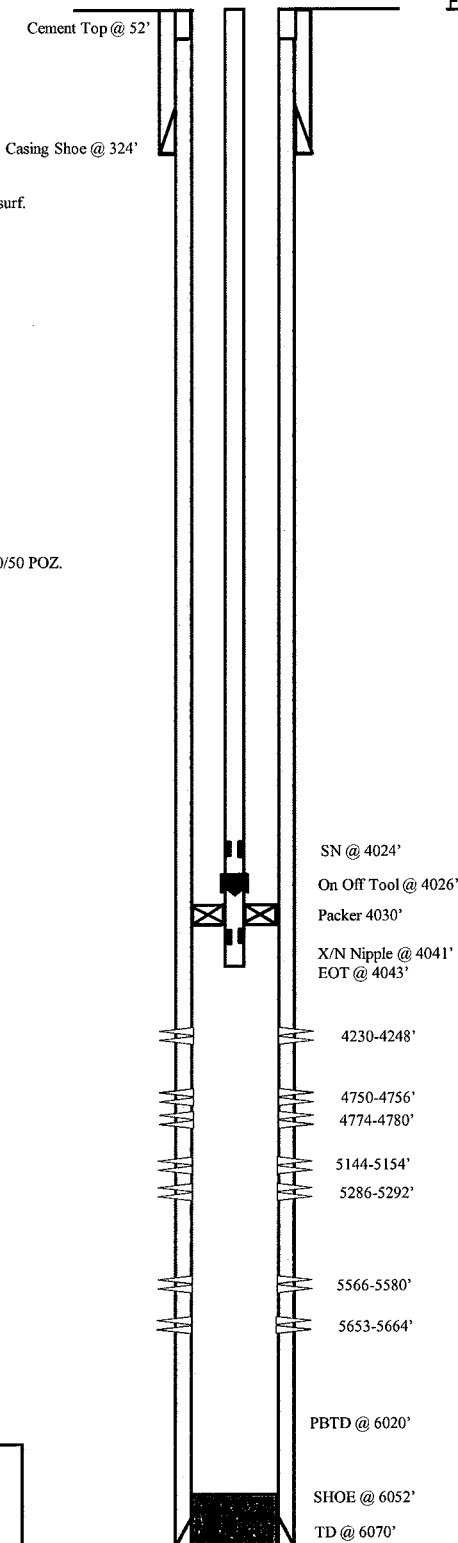
SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 128 jts (4012.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4024.5'
 ON/OFF TOOL AT: 4025.6'
 ARROW #1 PACKER CE AT: 4030'
 XO 2-3/8 x 2-7/8 J-55 AT: 4034.4'
 TBG PUP 2-3/8 J-55 AT: 4034.9'
 X/N NIPPLE AT: 4041.2'
 TOTAL STRING LENGTH: EOT @ 4043'

FRAC JOB

05/09/07	5653-5664'	Frac CP2 sands as follows: 19973# 20/40 sand in 326 bbls Lightning 17 frac fluid. Treated @ avg press of 1977 psi w/avg rate of 24.7 BPM. ISIP 1722 psi. Calc flush: 5651 gal. Actual flush: 5166 gal.
05/14/07	5566-5580'	Frac CP.5 sands as follows: 45412# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1956 psi w/avg rate of 24.7 BPM. ISIP 1956 psi. Calc flush: 5564 gal. Actual flush: 5122 gal.
05/14/07	5286-5292'	Frac LODC sands as follows: 19538# 20/40 sand in 300 bbls Lightning 17 frac fluid. Treated @ avg press of 2539 psi w/avg rate of 24.8 BPM. ISIP 2675 psi. Calc flush: 5284 gal. Actual flush: 4830 gal.
05/14/07	5144-5154'	Frac A3 sands as follows: 45178# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 1893 psi w/avg rate of 24.8 BPM. ISIP 2111 psi. Calc flush: 5142 gal. Actual flush: 4662 gal
05/14/07	4750-4780'	Frac D2 sands as follows: 60592# 20/40 sand in 489 bbls Lightning 17 frac fluid. Treated @ avg press of 1606 psi w/avg rate of 24.8 BPM. ISIP 1847 psi. Calc flush: 4748 gal. Actual flush: 4284 gal
05/14/07	4230-4248'	Frac GB6 sands as follows: 92270# 20/40 sand in 664 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.8 BPM. ISIP 2175 psi. Calc flush: 4228 gal. Actual flush: 4116 gal
9-5-07		Pump Change.Updated rod & tubing details.
12-13-07		Pump Change. Updated rod & tubing details.
6/27/2011		Pump Change. Updated rod & tubing details
10/22/12	4058-4064'	Frac GB2 sands as follows: 24437# 20/40 sand in 272 bbls Lightning 17 frac fluid.
10/24/12		Convert to Injection Well
10/25/12		Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

05/09/07	5653-5664'	4 JSPF	44 holes
05/14/07	5566-5580'	4 JSPF	56 holes
05/14/07	5286-5292'	4 JSPF	24 holes
05/14/07	5144-5154'	4 JSPF	40 holes
05/14/07	4774-4780'	4 JSPF	24 holes
05/14/07	4750-4756'	4 JSPF	24 holes
05/14/07	4230-4248'	4 JSPF	72 holes
10/20/12	4058-4064'	3 JSPF	18 holes



NEWFIELD

FEDERAL 15-9-9-16

731'FSL & 1804' FEL
 SW/SE Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33054; Lease # UTU-79831

Federal 5-15-9-16

Spud Date: 5-25-07

Put on Production: 7-1-07

GL: 5808' KB: 5820'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jnts (299.7')

DEPTH LANDED: 311.55' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137jts. (6020.14')

DEPTH LANDED: 6033.39' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

TBG 1 jt (31.7')

TBG PUP 2 jts 2-7/8 J-55 AT: 43.7'

NO. OF JOINTS: 135 jts (4082.4')

ON/OFF TOOL AT: 4138.6'

ARROW #1 PACKER CE AT: 4143.41'

NO. OF JOINTS: 16 jts (481.4')

XO 2-3/8 x 2-7/8 J-55 AT: 4628.9'

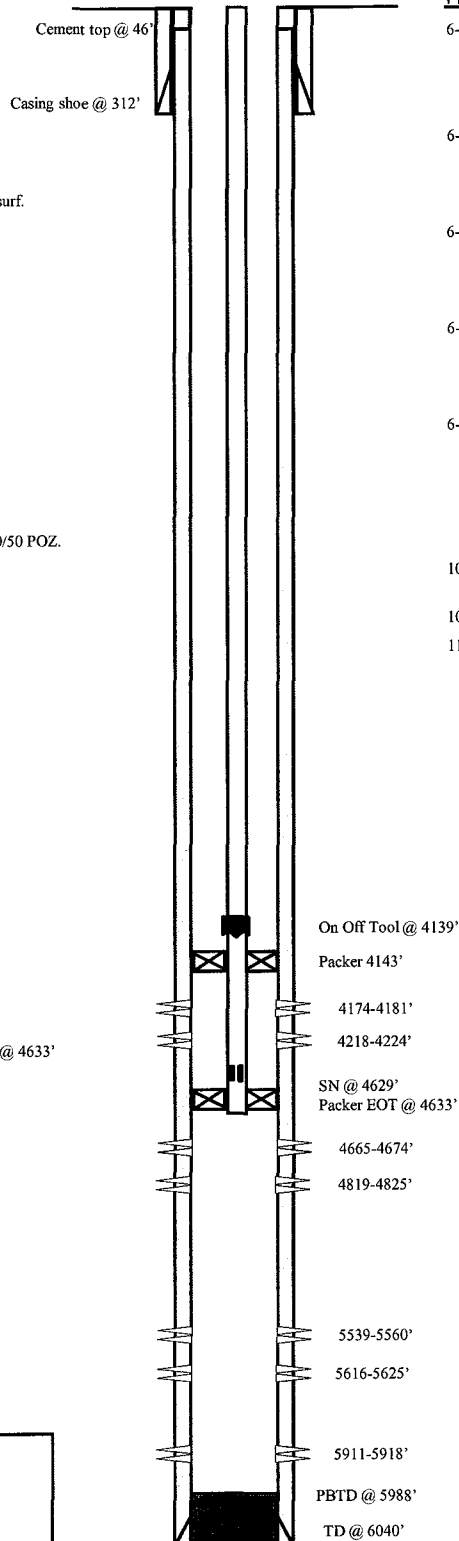
SEATING NIPPLE: 2-3/8" (1.10')

SN LANDED AT: 4629.4' KB

XO 2-3/8 x 2-7/8 J-55 AT: 4630.5'

SEAL ASSEM AT: 4631'

ARROW #1 PACKER / TOTAL STRING LENGTH: EOT @ 4633'

FRAC JOB

6-25-07 5450-5542'

Frac CP2 sands as follows:

24334# 20/40 sand in 348 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 1662 psi. Calc flush: 5448 gal. Actual flush: 5166 gal.

6-25-07 5539-5560'

Frac CP1 sands as follows:

100170# 20/40 sand in 740 bbls Lightning 17 frac fluid. Treated @ avg press of 1719 psi w/avg rate of 24.7 BPM. ISIP 2090 psi. Calc flush: 5537 gal. Actual flush: 5040 gal.

6-25-07 4819-4825'

Frac C sands as follows:

19504# 20/40 sand in 271 bbls Lightning 17 frac fluid. Treated @ avg press of 1963 psi w/avg rate of 24.7 BPM. ISIP 1792 psi. Calc flush: 4817 gal. Actual flush: 4368 gal.

6-25-07 4665-4674'

Frac D1 sands as follows:

45093# 20/40 sand in 407 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2060 psi. Calc flush: 4663 gal. Actual flush: 4200gal.

6-25-07 4218-4224'

Frac GB6 sands as follows:

39989# 20/40 sand in 383 bbls Lightning 17 frac fluid. 24.7 BPM. ISIP 2212 psi. Calc flush: 4216 gal. Actual flush: 4158gal.

4174-4181'

FracGB4 sands as follows:

No information for this frac on the drilling report.

10/26/12 5911--5918'

Frac CPS sands as follows: 19321# 20/40 sand in 226 bbls Lightning 17 frac fluid.

10/31/12

Convert to Injection Well

11/01/12

Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

6-20-07	5616-5625'	4 JSPF	36 holes
6-25-07	5539-5560'	4 JSPF	84 holes
6-25-07	4819-4825'	4 JSPF	24 holes
6-25-07	4665-4674'	4 JSPF	36 holes
6-25-07	4218-4224'	4 JSPF	24 holes
	4174-4181'	4 JSPF	28 holes
10-25-12	5911-5918'	3 JSPF	21 holes

NEWFIELD**Federal 5-15-9-16**

1791' FNL & 578' FWL

SW/NW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33138; Lease #UTU-79834

GMB 3-16-9-16H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E
County/State: Greater Monument Butte, Duchesne County, Utah
Elevation: 5847' GL + 12' KB

Wellhead													
		Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	SSD/ft
8-5/8" Casing Shoe 1,025	Surface	8-5/8"	24#		J-55	LTC	0	1,025					
	Production	5-1/2"	17#		M-80	LTC	0	5,993	7,740	7,020	4,892	4,767	0.0233
	Production	4-1/2"	11.6#		P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4,000	3,875	0.0155
		burst & collapse values are book, no additional safety factors have been applied											
		Hole											
		Surface											
		Port Collar: 6-1/8" 5,654' mtd to Surface											

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints
TBG DETAIL: sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger. TA @ 5,870'. SN @ 5,903'. EOT @ 6,052' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs -4.625" OD)								

WELLBORE FLUIDS
Lateral section fluid= +8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: Weatherford MacGyver 1 3/4" x 28' rod pump, stabilizer sub, on/off tool, stabilizer sub, SE 4 Co-rod, 1-8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 28' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

Proposed Frac Data	Top		Bottom		Packers Plus 12 Stage StackFrac HD Stimulation Liner										Prop type/size	Prop Vol (lbs)	Total Clean Vol (bbbls)
Toe Section	10,249		10,249		Packers Plus 4-1/2" Toe Circulating Sub w/1,000" Seat for 1,250' SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD												
Stage 1	10,087	10,249		Dual Hydraulic Frac Port:	Depth 10,189	Ball OD (in.) NA	Seat ID (in.) NA	Vol. to Seat (bbl) 204.33	Actual Vol. (bbl) NA	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 0					
OH Anchor/Packer	10,080	10,087		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 9,941	Ball OD (in.) NA	Seat ID (in.) NA	Vol. to Seat (bbl) 199.39	Actual Vol. (bbl) NA	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 0	1,903				
Mechanical Packer 1	10,002	10,007		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 9,841	Ball OD (in.) 2,125	Seat ID (in.) 2,000	Vol. to Seat (bbl) 199.39	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 34,144		2,342			
Stage 2	9,682	10,002		FracPort 2:	Depth 9,641	Ball OD (in.) 2,125	Seat ID (in.) 2,000	Vol. to Seat (bbl) 199.39	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 30,760					
Mechanical Packer 2	9,577	9,682		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 9,517	Ball OD (in.) 2,250	Seat ID (in.) 2,125	Vol. to Seat (bbl) 194.37	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 34,388		2,775			
Stage 3	9,914	9,577		FracPort 3:	Depth 9,817	Ball OD (in.) 2,250	Seat ID (in.) 2,125	Vol. to Seat (bbl) 194.37	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 18,335					
Mechanical Packer 3	9,354	9,359		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 9,254	Ball OD (in.) 2,375	Seat ID (in.) 2,250	Vol. to Seat (bbl) 188.36	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 7,548		2,716			
Stage 4	9,035	9,354		FracPort 4:	Depth 8,930	Ball OD (in.) 2,375	Seat ID (in.) 2,250	Vol. to Seat (bbl) 188.36	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 0					
Mechanical Packer 4	9,030	9,035		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 8,969	Ball OD (in.) 2,500	Seat ID (in.) 2,375	Vol. to Seat (bbl) 184.35	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 28,177		4,118			
Stage 5	8,710	9,030		FracPort 5:	Depth 8,609	Ball OD (in.) 2,500	Seat ID (in.) 2,375	Vol. to Seat (bbl) 184.35	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 38,211					
Mechanical Packer 5	8,705	8,710		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 8,644	Ball OD (in.) 2,625	Seat ID (in.) 2,500	Vol. to Seat (bbl) 178.32	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 37,277		3,807			
Stage 6	8,386	8,705		FracPort 6:	Depth 8,284	Ball OD (in.) 2,625	Seat ID (in.) 2,500	Vol. to Seat (bbl) 178.32	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 30,591					
Mechanical Packer 6	8,381	8,386		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 8,220	Ball OD (in.) 2,750	Seat ID (in.) 2,625	Vol. to Seat (bbl) 174.30	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 33,229		2,784			
Stage 7	8,086	8,381		FracPort 7:	Depth 7,979	Ball OD (in.) 2,750	Seat ID (in.) 2,625	Vol. to Seat (bbl) 174.30	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 27,643					
Mechanical Packer 7	8,081	8,086		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 7,915	Ball OD (in.) 2,875	Seat ID (in.) 2,750	Vol. to Seat (bbl) 168.37	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 35,076		3,706			
Stage 8	7,743	8,081		FracPort 8:	Depth 7,641	Ball OD (in.) 2,875	Seat ID (in.) 2,750	Vol. to Seat (bbl) 168.37	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 30,420					
Mechanical Packer 8	7,738	7,743		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 7,677	Ball OD (in.) 3,000	Seat ID (in.) 2,875	Vol. to Seat (bbl) 164.35	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 30,308		2,777			
Stage 9	7,418	7,738		FracPort 9:	Depth 7,317	Ball OD (in.) 3,000	Seat ID (in.) 2,875	Vol. to Seat (bbl) 164.35	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 14,314					
Mechanical Packer 9	7,413	7,418		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 7,252	Ball OD (in.) 3,125	Seat ID (in.) 3,000	Vol. to Seat (bbl) 159.32	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 25,505		1,889			
Stage 10	6,768	7,413		FracPort 10:	Depth 6,667	Ball OD (in.) 3,125	Seat ID (in.) 3,000	Vol. to Seat (bbl) 159.32	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 3,467					
Mechanical Packer 10	7,088	7,083		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 6,927	Ball OD (in.) 3,250	Seat ID (in.) 3,125	Vol. to Seat (bbl) 149.37	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 37,884		2,884			
Stage 11	6,768	7,088		FracPort 11:	Depth 6,667	Ball OD (in.) 3,375	Seat ID (in.) 3,250	Vol. to Seat (bbl) 144.29	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 36,849					
Mechanical Packer 11	6,763	6,768		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 6,601	Ball OD (in.) 3,375	Seat ID (in.) 3,250	Vol. to Seat (bbl) 144.29	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	100 mesh sand 31,284		2,755			
Stage 12	6,445	6,763		FracPort 12:	Depth 6,340	Ball OD (in.) 3,500	Seat ID (in.) 3,375	Vol. to Seat (bbl) 134.26	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)	30/50 mesh sand 21,198					
Mechanical Packer 12	6,438	6,445		Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)	Depth 6,372	Ball OD (in.) 3,500	Seat ID (in.) 3,375	Vol. to Seat (bbl) 134.26	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)						
OH Anchor/Packer	5,451	5,456		Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,045psi)	Depth 5,377	Ball OD (in.) 3,500	Seat ID (in.) 3,375	Vol. to Seat (bbl) 124.23	Actual Vol. (bbl) 0.00	Difference (bbl) NA	Ball Action (AP)						
Rockwell Packer	5,372	5,377		Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,045psi)													
Lat Length													3,804				
Total Stim. Lateral													3,804				
Avg. Stage Length													317	between packers			
Sand Total													100 mesh sand 335,921				
													30/50 mesh sand 244,386				
													a sand per foot of lateral	153			

15" MAX XO 5,993

12

11

10

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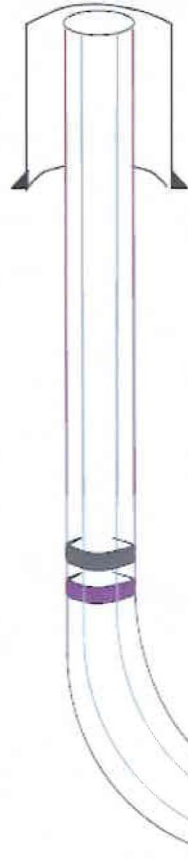
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1

MD TD 10,259
TVD TO 6,011

Liner Length: 10,249'
Liner: 5-1/2" 17# / 4-1/2" 11.6# M/N80 LTC
Top Packer: 9-5/8" x 5-1/2" RockSeal II / IIS
Set @ 5,372'

FINAL COMPLETION



Casing	Start	End	FTG
8-5/8" 24# J55 LTC	0'	1,025'	1,025'
Liner	Start	End	FTG
5-1/2" 17# M80	0'	5,993'	5,993'
4-1/2" 11.6# N80	5,993'	10,249'	4,256'

RockSeal Packers @	ANCH	10,080'	PKR 8	7,738'
	PKR 1	10,002'	PKR 9	7,413'
	PKR 2	9,677'	PKR 10	7,088'
	PKR 3	9,354'	PKR 11	6,763'
	PKR 4	9,030'	PKR 12	6,438'
	PKR 5	8,705'		
	PKR 6	8,381'	ANCH	5,451'
	PKR 7	8,061'	PKR 13	5,372'

Marker Joint 4,743'

KOP @ 5,400'

Port Collar 5,355'

Top Packer @ 5,372'

5-1/2"x4-1/2" Crossover @ 5,993'

FracPorts @	DEH	10,160'	2.625	8,220'
	2.000	9,841'	2.750	7,901'
	2.125	9,517'	2.875	7,577'
	2.250	9,193'	3.000	7,252'
	2.375	8,869'	3.125	6,927'
	2.500	8,544'	3.250	6,601'

Interval Spacing

STG 1	179'	Toe
STG 2	324'	
STG 3	324'	
STG 4	324'	
STG 5	325'	
STG 6	324'	
STG 7	320'	
STG 8	322'	
STG 9	325'	
STG 10	325'	
STG 11	326'	
STG 12	325'	EOB

AVG 324'

EOB @ 6,039'

In Zone @ 6,400'

TD @ 10,259'

GS @ 10,249'

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **CASTLE PK 32-16-9-16**Sample Point: **Wellhead**Sample Date: **6/17/2013**Sample ID: **WA-246132**Sales Rep: **Michael McBride**Lab Tech: **Layne Wilkerson**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	6/21/2013	Sodium (Na):	9789.86	Chloride (Cl):	15000.00
System Temperature 1 (°F):	120	Potassium (K):	523.23	Sulfate (SO4):	11.00
System Pressure 1 (psig):	60	Magnesium (Mg):	32.90	Bicarbonate (HCO3):	1195.60
System Temperature 2 (°F):	210	Calcium (Ca):	15.97	Carbonate (CO3):	
System Pressure 2 (psig):	60	Strontium (Sr):	4.87	Acetic Acid (CH3COO)	
Calculated Density (g/ml):	1.015	Barium (Ba):	1.94	Propionic Acid (C2H5COO)	
pH:	8.10	Iron (Fe):	1.35	Butanoic Acid (C3H7COO)	
Calculated TDS (mg/L):	26612.76	Zinc (Zn):	0.23	Isobutyric Acid ((CH3)2CHCOO)	
CO2 in Gas (%):		Lead (Pb):	0.00	Fluoride (F):	
Dissolved CO2 (mg/L):	56.00	Ammonia NH3:		Bromine (Br):	
H2S in Gas (%):		Manganese (Mn):	0.07	Silica (SiO2):	35.74
H2S in Water (mg/L):	0.00				

Notes:

B=3.45

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.88	11.44	0.00	0.00	0.00	0.00	1.77	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.83	11.12	0.00	0.00	0.00	0.00	1.72	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.79	10.78	0.00	0.00	0.00	0.00	1.68	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.74	10.41	0.00	0.00	0.00	0.00	1.63	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.69	10.02	0.00	0.00	0.00	0.00	1.58	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.65	9.62	0.00	0.00	0.00	0.00	1.53	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.61	9.20	0.00	0.00	0.00	0.00	1.48	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.57	8.77	0.00	0.00	0.00	0.00	1.43	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.54	8.35	0.00	0.00	0.00	0.00	1.38	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.50	7.92	0.00	0.00	0.00	0.00	1.32	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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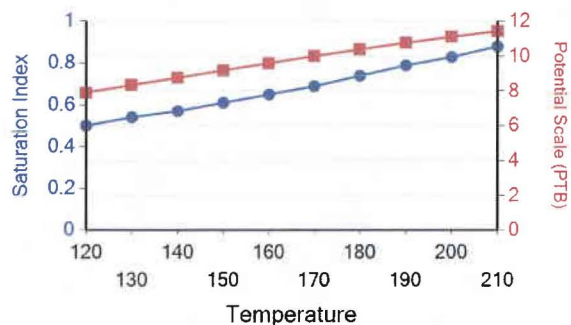
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.14	0.00	0.00	5.92	36.75	2.44	15.05	8.16	1.05
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.14	0.00	0.00	5.51	34.31	2.20	13.63	7.87	1.05
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.13	0.00	0.00	5.09	31.53	1.96	12.14	7.58	1.05
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.13	0.00	0.00	4.66	28.54	1.71	10.61	7.28	1.04
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.12	0.00	0.00	4.23	25.44	1.46	9.05	6.99	1.04
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.11	0.00	0.00	3.80	22.32	1.21	7.49	6.70	1.04
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.10	0.00	0.00	3.36	19.27	0.96	5.96	6.41	1.04
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.08	0.00	0.00	2.93	16.34	0.71	4.45	6.12	1.04
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.06	0.00	0.00	2.49	13.56	0.46	2.98	5.84	1.04
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.04	0.00	0.00	2.05	10.95	0.22	1.54	5.56	1.03

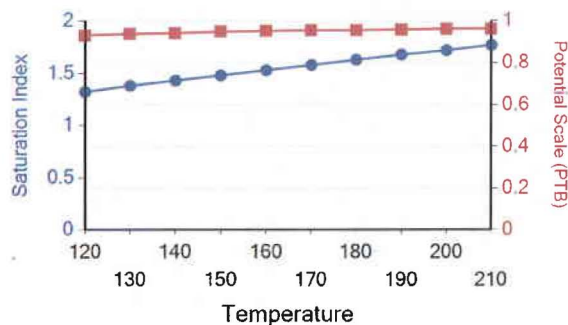
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

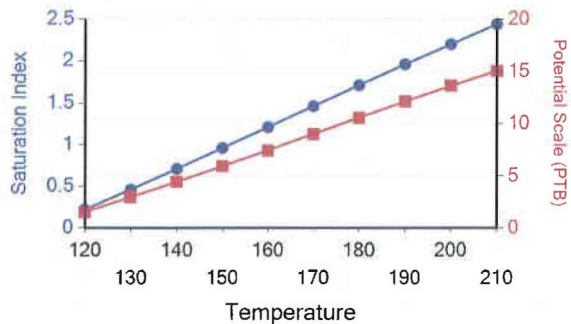
Calcium Carbonate



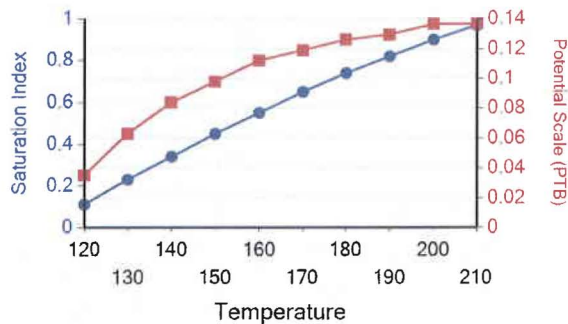
Iron Carbonate



Ca Mg Silicate



Zinc Carbonate



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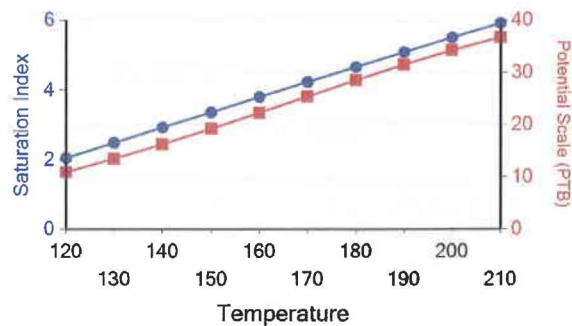
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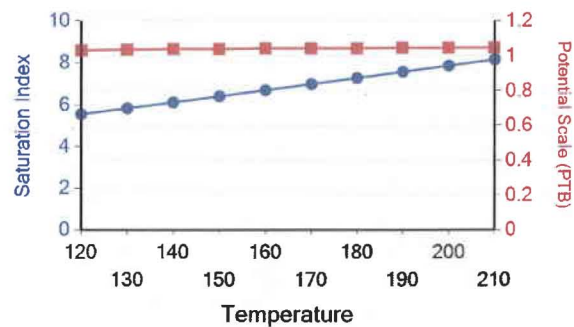
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Water Analysis Report

Mg Silicate



Fe Silicate



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Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
Well Name: **SWDIF**
Sample Point: **After Filter**
Sample Date: **12/4/2012**
Sample ID: **WA-229142**

Sales Rep: **Michael McBride**
Lab Tech: **Gary Peterson**

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	12/5/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120.00	Sodium (Na):	734.93	Chloride (Cl):	1000.00
System Pressure 1 (psig):	60.0000	Potassium (K):	11.00	Sulfate (SO ₄):	120.00
System Temperature 2 (°F):	210.00	Magnesium (Mg):	26.00	Bicarbonate (HCO ₃):	366.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	46.20	Carbonate (CO ₃):	
Calculated Density (g/ml):	0.999	Strontium (Sr):		Acetic Acid (CH ₃ COO)	
pH:	6.80	Barium (Ba):	0.17	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	2304.49	Iron (Fe):	0.13	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.02	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	15.00	Lead (Pb):	0.00	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	2.50	Manganese (Mn):	0.04	Silica (SiO ₂):	

Notes:
9:30

(PTB = Pounds per Thousand Barrels)

Temp (°F)	PSI	Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.28	10.64	0.00	0.00	0.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.28	0.01
200.00	60.00	0.19	7.48	0.00	0.00	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.31	0.01
190.00	60.00	0.11	4.25	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.35	0.01
180.00	60.00	0.02	0.97	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.39	0.01
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.44	0.01
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.01
150.00	60.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.01
140.00	60.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.01
130.00	60.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.72	0.01
120.00	60.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80	0.01

Multi-Chem Analytical Laboratory

1553 East Highway 40

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A HALLIBURTON SERVICE

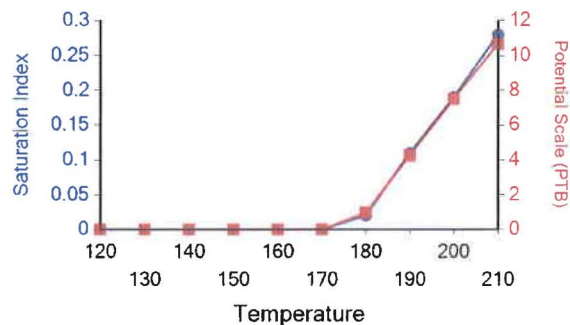
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

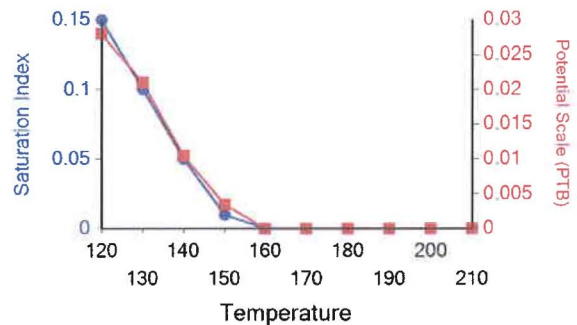
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Zinc Sulfide

These scales have positive scaling potential under final temperature and pressure: Barium Sulfate Zinc Sulfide

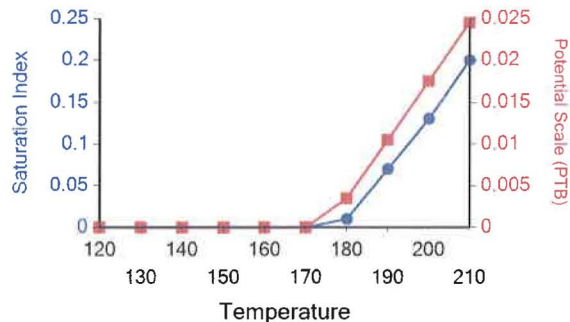
Calcium Carbonate



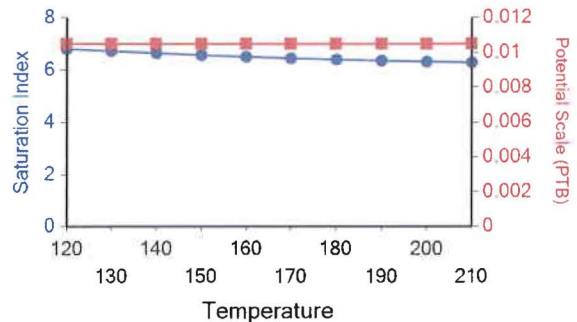
Barium Sulfate



Iron Sulfide



Zinc Sulfide



Attachment "G"

**Castle Peak #32-16-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5504	5512	5508	1600	0.72	1564
5526	5554	5540	1600	0.72	1564 ←
5000	5010	5005	2320	0.90	2288
4732	4738	4735	2320	0.92	2289
				Minimum	<u>1564</u>

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.015)) x Depth of Top Perf
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433*Top Perf.))/Top Perf.

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



DAILY REPORT

LEASE & WELL NAME State 32-16

DATE	ACTIVITY / REMARKS																																													
8-3-82	TD 5650. RU CRC Colorado Well Rig #25. Installed 6" - 3000# BOP. WIH w/4-3/4" bit & casing scraper on 2 7/8", 6.5#, J-55 tbg. Tagged cement @ 5552'. SDFN. Recovered 150 jts 2 7/8", 6.5#, J-55 EUE tbg from Energetics stock & 42 jts, as above, new tbg from Universal Well Service, Rossevelt, Utah. 4557' & 1371' respectively. One jt from stock not included in tally, no collar																																													
	Daily Cost \$5475 (w/o tbg) Cum well cost \$280,475																																													
8-4-82	RU power swivel, drilled out cem from 5552' to 5561', FC @ 5561' & cem to 5615' Circ hole clean w/2% KCL water. POOH, SDFN.																																													
	Daily cost \$3700 Cum well cost \$284,175																																													
8-5-82	PBTD 5615'. RU OWP, ran GR-CBL-CCL log. W/L TD 5620', cem top @ 4480'. 5620' - 5000', 75 - 80% bond, 5000' - 4850' 70% bond, 4850 - 4700', 85% bond 4700-4480' 80% bond. Perforated 5504' - 5512' & 5526' - 5554' w/2 SPF (74 holes) w/4" csg gun, 23 gram charges. RIH w/tbg, spotted acid & acidized w/2000 gal 15% HCL w/1000 gal terasperse, 20 gal FE-1A, & 4 gal HAI-75 inhibitor. Dropped 100 ball sealers in last 1500 gal of acid. Broke down @ 2650# to 850# @ 3 BPM. Pumped acid away @ 2250#, 8 BPM, no ball action. Displaced w/35 bbls 2% KCL water. ISIP 940#, 15 min 680#, released press & POOH. Fracd w/42,000 gal VER-1400 gelled water w/62,500# 20/40 sand & 10,000# 10/20 sand.																																													
	<table><tr><th>Vol, gel</th><th>Sand#</th><th>Rate BPM</th><th>Press #</th><th>Remarks</th></tr><tr><td>2,000</td><td>0</td><td>20</td><td>1300</td><td>Prepad</td></tr><tr><td>12,500</td><td>0</td><td>20</td><td>1500</td><td>Pad VER-1400</td></tr><tr><td>5,000</td><td>1</td><td>20</td><td>1600</td><td>20/40 mesh</td></tr><tr><td>7,500</td><td>2</td><td>26</td><td>1600</td><td>20/40 "</td></tr><tr><td>7,500</td><td>3</td><td>26</td><td>1600</td><td>20/40 "</td></tr><tr><td>5,000</td><td>4</td><td>26</td><td>1450</td><td>20/40 "</td></tr><tr><td>2,500</td><td>4</td><td>26</td><td>1350</td><td>10/20 "</td></tr><tr><td>5,500</td><td>0</td><td>16</td><td>1900</td><td>2% KCL flush</td></tr></table>	Vol, gel	Sand#	Rate BPM	Press #	Remarks	2,000	0	20	1300	Prepad	12,500	0	20	1500	Pad VER-1400	5,000	1	20	1600	20/40 mesh	7,500	2	26	1600	20/40 "	7,500	3	26	1600	20/40 "	5,000	4	26	1450	20/40 "	2,500	4	26	1350	10/20 "	5,500	0	16	1900	2% KCL flush
Vol, gel	Sand#	Rate BPM	Press #	Remarks																																										
2,000	0	20	1300	Prepad																																										
12,500	0	20	1500	Pad VER-1400																																										
5,000	1	20	1600	20/40 mesh																																										
7,500	2	26	1600	20/40 "																																										
7,500	3	26	1600	20/40 "																																										
5,000	4	26	1450	20/40 "																																										
2,500	4	26	1350	10/20 "																																										
5,500	0	16	1900	2% KCL flush																																										
	Max press 1900#, avg press 1500#, avg rate 25 BPM. Flushed @ 26 BPM, 1900#, ISIP 1600#, 10 min 1450#, 15 min 1450#. 1309 bbls treatment to recover. SWI SDFN.																																													
	Daily cost \$41,971 Cum well cost \$326,146																																													

2 of 5



DAILY REPORT

LEASE & WELL NAME _____ State 32-16

DATE	ACTIVITY / REMARKS				
8/6/82	PBTD 5615' SICP 780#. Opened well on 2" choke, flowed back 45 bbls of load & died. WIH w/Halliburton DV type RBP, set pkr @ 5410'. Tested to 1500# for 15', held OK. POOH. RU OWP, perforated 5000' - 5010' & 4732' - 4738'. w/2 SPF (34 holes) using 4" csg gun & 23 gram charges. No surface action. RU Halliburton. Fracd w/25,000 gal VER-1400 gelled water w/28,000# of 20/40 & 10,000# of 10/20 sand. Flushed w/5000 gal 2% KCL water @ 20 BPM 2250# inc to 2530#. ISIP 2320#, 10' 1840#, 15' 1790#. Avg frac press 2200#, avg rate 20 BPM. Broke down @ 3650#, 3 BPM, pumped prepad @ 20 BPM, 1780#. 723 BLTR from frac, 1987 BLTR total. SWI. SDFN.				
	<u>Vol gal</u>	<u>Sand Conc.</u>	<u>Rate BPM</u>	<u>Press, psi</u>	<u>Remarks</u>
	2000	0	20	1780	Prepad
	9000	0	20	2350	Pad
	2000	1#	20	2380	20/40 sand
	4000	2#	20	2300	20/40 sand
	4000	3#	20	2160	20/40 sand
	2500	4#	20	2150	10/20 sand
	5000	0	2	2250-2530	2% KCL
	Daily cost \$29,336		Cum well cost \$355,482		
8/7/82	SICP 800#, Open well to tank on 2" choke. Flowed 25 BW in 30 min & died. TIH w/ret head for RBP. Tag sand @ 5280'. Rev circ 130' sand. Latch RBP @ 5410'. Circ hole w/30 BW. TOOH w/RBP. TIH w/notched collar, 1 jt tbg PSN & tag fill @ 5540'. Wash sand to btm @ 5620' (PBTD). Circ hole w/90 BW. LD 27 jts tbg & land @ 4725'. RU to swab. SI well. SDFN.				
	Rig	\$	2,170		
	Howco		1,478		
	Water haul		566		
	Rentals		400		
	Supervision		450		
			5,064		
	DC		5,064		
	CC		85,546		
	CWC		360,546		
	AFF		682,700		

3 of 5



DAILY REPORT

LEASE & WELL NAME _____ State 32-16

DATE	ACTIVITY / REMARKS
8/8/82	SITP 60#, SICP 80#. Open to tank on 2" choke. Flow 10 BW & died. RU to swab.
	4 runs/hr for 9 hr w/f1 @ 1500' thruout. Pulling from 3000'. Rec 22 bbl/hr,
	95% wtr, 5% oil. Last 3 runs 80% water & 20% oil. Rec 196 BF, 186 BW &
	10 B0. Have 1801 BLW LTR. SI well. SDFN.
	Rig \$1,550
	BOP 135
	Tank 120
	Sup 450
	DC 2,255
	CC 87,801
	CWC 362,801
	AFE 682,700
8/9/82	SD for Sunday
8/10/82	SITP 320#, SICP 300#. Open to tank on 2" choke, flowed 27 B0 in 1½ hrs & died.
	RU swab, made 5 runs/hr for 10 hrs, 70% oil, 30% water w/good gas. Last hr
	90% oil. Rec 204 bbls of fluid, 143 B0, 61 BW. Total frac recovered 247
	bbls, 1740 bbls to recover. SWI. SDFN.
	Daily cost \$2743 Cum well cost \$365,544
8/11/82	SITP 240#, SICP 400#. Open both sides to tank to kill well. Flowed 27 B0 in
	2 hrs - would not die. Reverse circ hole w/120 BW. Dead. Lower tbg to
	PBTD @ 5620'. No fill. TOH w/tbg. TIH w/tbg as follows:
	1 - jt 2 7/8" 6.5# J-55 8rd EUE tbg w/notched 31.70'
	1 - 2 7/8" x 3' J-55 perf pup jt 3.10
	1 - 2 7/8" PSN 2.25" ID 1.05
	12 jts tbg 370.75
	1 - 2 7/8" x 5½" Mt States Model B2 anchor 2.45
	157 jts tbg 5166.47
	Total string 5575.49
	Below KB 8.51
	Tbg landed @ 5584.00
	Set anchor 2/15,000# tension. Install B-1 adapter flange. Pumping tee, etc.
	SI well. SDFN.

4 of 5



DAILY REPORT

LEASE & WELL NAME _____ State 32-16

DATE '82	ACTIVITY / REMARKS
August 11	(con't).
	Rig \$1,780
	BOP 265
	Anchor 1,104
	Water 270
	Supp 201
	Tank rental 30
	Trucking 260
	Supervision 450
	Daily cost 4,360
	CC 94,884
	CWC 369,904
	AFE \$682,700
August 12	SITP 0, SICP 0, TIH w/pump & rods as follows:
	2 1/2 x 7 1/2 x 14' RWBC O'Bannon
	102" SL, RC barrel, 4' sprayalloy, plunger, ss balls w/tungston carbide seats
	& 3 CUP hold down
	7 - 7/8" x 25' used rods Harbison Fisher
	132 - 3/4" x 25' used rods
	80 - 3/4 x 25' new rods
	2 - 3/4 x 6' pony rods
	1 - 3/4 x 4' pony
	1 - 1 1/4" x 25' used polish rod
	Seated pump, loaded tbq w/2% KCL water pressure tested tbq to 350# stroked
	pump. Spaced pump 8" off btm. SI well. RD rig & released @ 5:00 PM.
	Heated swab tank to 200° F. Drained water. Transferred 140 B0 to State 33-16
	Rig \$1,520
	Tank 30
	Hot oil 687
	Trucking 31
	Pump 1,630
	Supervision 450
	Daily cost 4,632 CC \$99,516. CWC \$374,536 AFE \$682,700

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4682'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Perforate 4 JSPF @ 2980'
4. Plug #2 169' plug covering Trona/Mohagany Bench Formation using 30 sx Class "G" Cement pumped under CICR and out perforations. Follow using 13 sx Class "G" cement pumped on top of CICR
5. Perforate 4 JSPF @ 1568'
6. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7. Perforate 4 JSPF @ 305'
8. Plug #4 Circulate 82 sx Class "G" cement down 5 1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Spud Date: 3/26/82
 Put on Production: 9/8/82
 GL: 5825' KB: 5835'

Castle PK 32-16-9-16

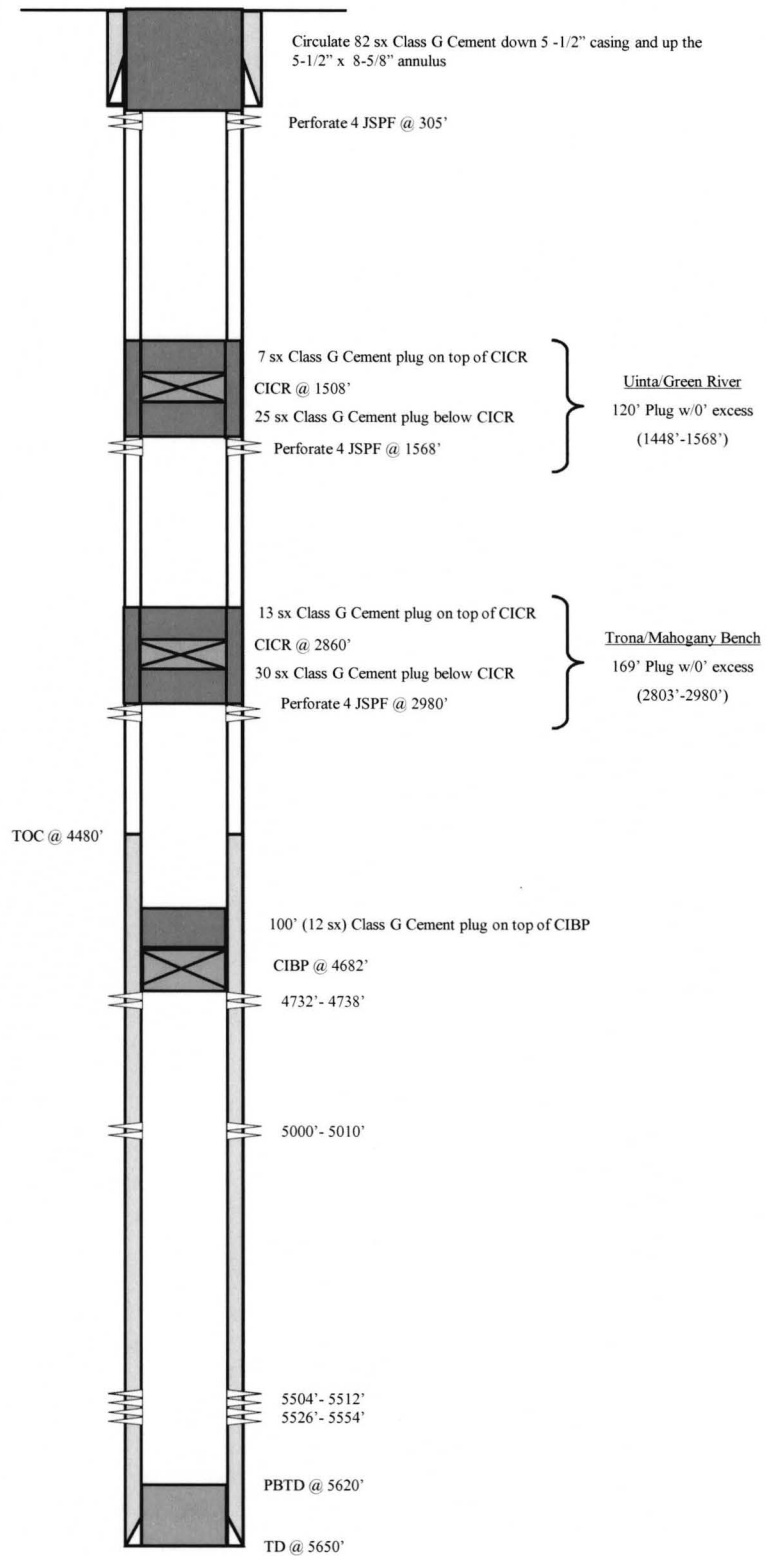
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (214' FC)
 DEPTH LANDED: 255' Shoe
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs Class "G", circ. 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 141 jts (5561' FC)
 DEPTH LANDED: 5650' Shoe
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sx 50/50 poz,
 CEMENT TOP: 4480' per CBL 8/5/82



NEWFIELD

CP State 32-16
 2009' FNL & 1838' FEL
 SW/NE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30650; Lease #ML-16532



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

January 9, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Castle Peak 32-16, Section 16, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-30650

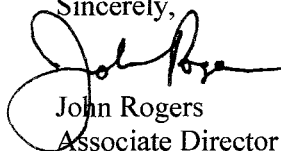
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than **3,988** feet in the Castle Peak 32-16 well. The top of the injection interval is limited by the nearby Castle Peak State 33-16 well (43-013-30640).

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

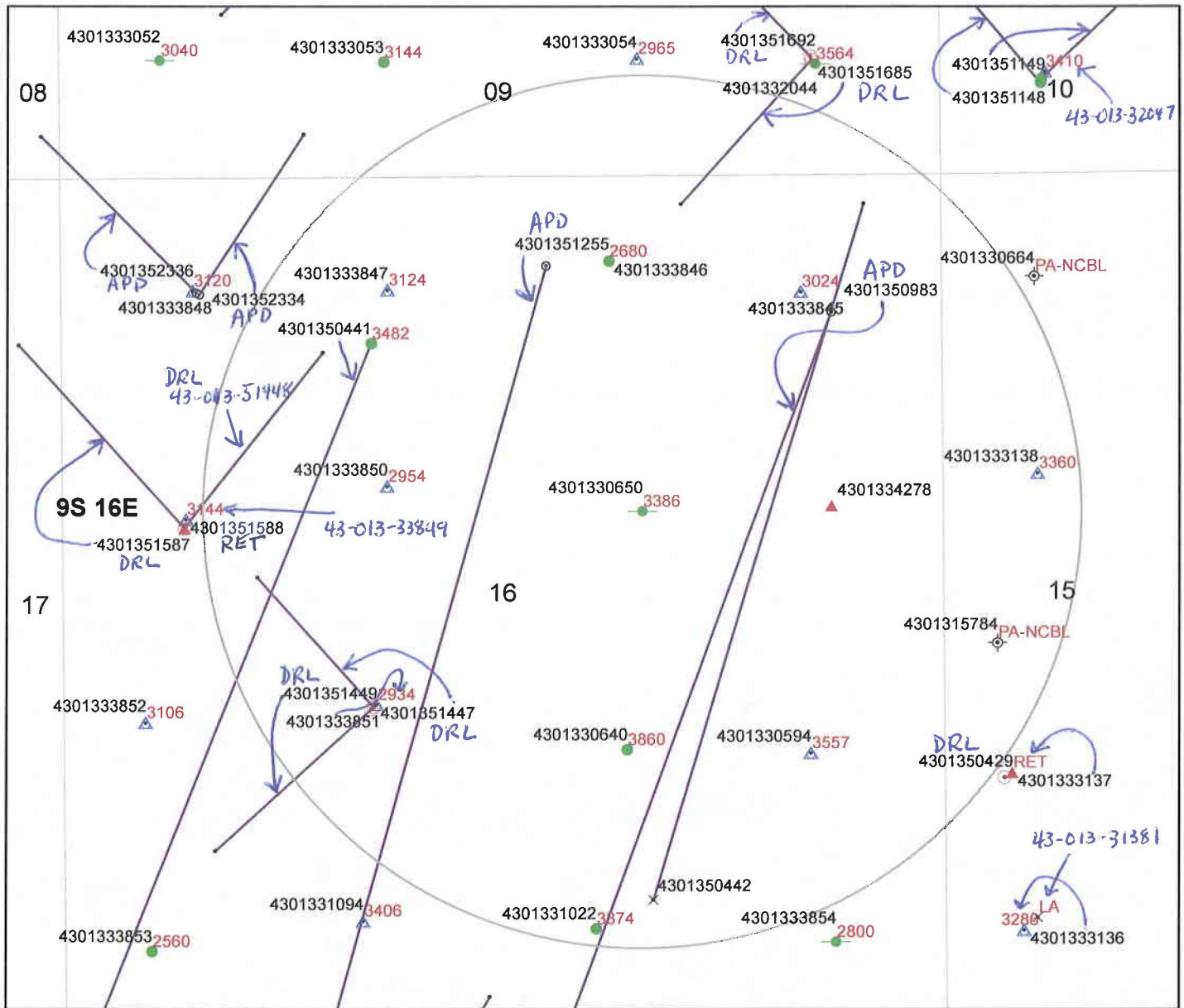


John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File





**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Castle Peak 32-16-9-16

Location: 16/9S/16E **API:** 43-013-30650

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 255 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,650 feet. The original cement bond log (8/4/1982) demonstrates adequate bond in this well up to about 4,512 feet. Newfield completed cement remediation in the Castle Peak 32-16 well on 6/24/2013, and a new CBL was run on 6/25/2013. The new CBL indicates variable but adequate cement between at least 3386 and 3634 feet. DOGM accepts 3386 feet as the top of adequate cement. A 2 7/8 inch tubing with a packer will be set at 3,682 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 4 producing wells, 6 injection wells, 1 shut-in well (the proposed injection well), and 1 P/A well in the AOR. One of the producing wells is horizontally drilled with a surface location inside the AOR and a bottom hole location outside the AOR. There are 2 currently drilling directional wells with surface locations outside the AOR and proposed bottom locations inside the AOR, and there is 1 drilling directional well with a surface location inside the AOR and proposed bottom hole location outside the AOR. In addition, there are 2 approved surface locations inside the AOR from which horizontal wells will be drilled to bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval except the Castle Peak State 33-16 (API# 43-013-30640). Following a cement squeeze in this well, a new CBL was run (6/27/2013), indicating a good cement top at 3,860 feet. To protect this wellbore Newfield will not perforate the Castle Peak 32-16 well above a depth of 3,788 feet (see next paragraph).

Castle Peak 32-16-9-16
page 2

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. The requested injection interval is between 3,945 feet and 5,620 feet in the Green River Formation. However, the top of acceptable cement bond is at about 3,860 feet in the Castle Peak State 33-16 well (API # 43-013-30640), located within the AOR, approximately 0.3 mile south of the Castle Peak 32-16 well. This cement top correlates to a depth of approximately 3,888 feet in the Castle Peak 32-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 3,988 feet in the Castle Peak 32-16 well. Information submitted by Newfield indicates that the fracture gradient for the 32-16-9-16 well is 0.72 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,564 psig. The requested maximum pressure is 1,564 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 1/8/2014

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED. TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Noltan 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	12/13/2013

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER
8015385340	0000927358
SCHEDULE	
Start 12/13/2013	End 12/13/2013
CUST. REF. NO.	
Newfield Cause UIC-415	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT	
SIZE	
94 Lines	3.00
TIMES	
3	
MISC. CHARGES	

RECEIVED

DEC 20 2013

DIV. OF OIL, GAS & MINING

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I C
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RES
CAUSE NO. UIC-415 IN THE MATTER OF THE APPLICA FOR DIV OF OIL-GAS & MIN
COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND D
ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT
NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON
UTAHLEGALS.COM INDEFINATELY COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104.

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 17, 18, 19, 20, 21, 23, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Store 2-16-9-16 well located in NW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33846
State 13-16-9-16 well located in SW/4 SW/4, Section 16, Township 9 South, Range 16 East
API 43-013-33853
Castle Peak 32-16-9-16 well located in SW/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-30650
Federal 10-17-9-16 well located in NW/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33033
Federal 12-17-9-16 well located in NW/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33035
Federal 16-18-9-16 well located in SE/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-32922
Federal 2-19-9-16 well located in NW/4 NE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33063
Federal 6-19-9-16 well located in SE/4 NW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33100
Federal 12-19-9-16 well located in NW/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33102
Federal 14-19-9-16 well located in SE/4 SW/4, Section 19, Township 9 South, Range 16 East
API 43-013-33161
Federal 16-19-9-16 well located in SE/4 SE/4, Section 19, Township 9 South, Range 16 East
API 43-013-33163
Federal 8-20-9-16 well located in SE/4 NE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33107
Federal 3-21-9-16 well located in NE/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33019
Federal 4-21-9-16 well located in NW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33069
Federal 8-21-9-16 well located in SE/4 NE/4, Section 21, Township 9 South, Range 16 East
API 43-013-33023
Federal 2-23-9-16 well located in NW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-33003
Castle Peak Federal 6-23 well located in SE/4 NW/4, Section 23, Township 9 South, Range 16 East
API 43-013-30873
Federal 8-23-9-16 well located in SE/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-32961
Federal 14-24-9-16 well located in SE/4 SW/4, Section 24, Township 9 South, Range 16 East
API 43-013-33343

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

923768

NEWSPAPER PUBLICATION DATE AND REMAINS ON

PUBLISHED ON Start 12/13/2013 End 12/13/2013

SIGNATURE



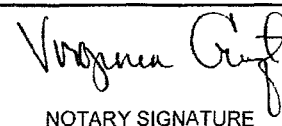
DATE 12/13/2013

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2210/RE 2/4/131



VIRGINIA CRAFT
Notary Public State of Utah
Commission # 58480
My Commission Expires
January 12, 2014


NOTARY SIGNATURE

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

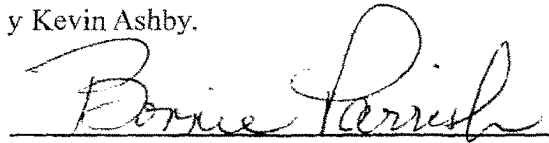
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 17 day of December, 20 13, and that the last publication of such notice was in the issue of such newspaper dated the 17 day of December, 20 13, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

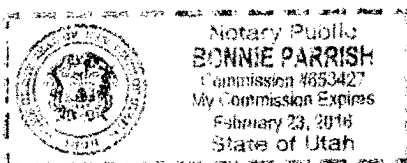

Publisher

Subscribed and sworn to before me on this

23 day of December, 20 13

by Kevin Ashby.


Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-415

BEFORE THE
DIVISION OF OIL,
GAS AND MINING,
DEPARTMENT OF
NATURAL RE-
SOURCE, STATE
OF UTAH.

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS 16,
17, 18, 19, 20, 21, 23,
and 24, TOWNSHIP
9 SOUTH, RANGE
16 EAST, DUCH-
ESNE COUNTY,
UTAH, AS CLASS
II INJECTION
WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
TER.

Notice is hereby
given that the Divi-
sion of Oil, Gas and
Mining (the "Divi-
sion") is commencing
an informal adjudi-
cative proceeding
to consider the ap-
plication of Newfield
Production Company,
1001 17th Street,

Continued on next page

Continued from
previous page

Suite 2000, Denver,
Colorado 80202, tele-
phone 303-893-0102,
for administrative ap-
proval of the following
wells located in Duch-
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conversion to Class II
injection wells:

'Greater Monument
Butte Unit:

State 2-16-9-16 well
located in NW/4 NE/4,
Section 16, Township 9
South, Range 16 East

API 43-013-33846

State 13-16-9-16
well located in SW/4
SW/4, Section 16,
Township 9 South,
Range 16 East

API 43-013-33853

Castle Peak 32-16
well located in SW/4
NE/4, Section 16,
Township 9 South,
Range 16 East

API 43-013-30650

Federal 10-17-9-
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Range 16 East

API 43-013-33033

Federal 12-17-9-
16 well located in
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Range 16 East

API 43-013-33035

Federal 16-18-9-
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SE/4 SE/4, Section
18, Township 9 South,
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API 43-013-32922

Federal 2-19-9-16
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NE/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33063

Federal 6-19-9-16
well located in SE/4
NW/4, Section 19,
Township 9 South,
Range 16 East

API 43-013-33100

Federal 12-19-9-
16 well located in
NW/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33102

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,

Any person desir-
ing to object to the
application or oth-
erwise intervene
the proceeding, mu-
file a written prote-
or notice of interve-
tion with the Divisi-
within fifteen da-
following publicati-
of this notice. The I-
vision's Presiding C-
ficer for the proceedi-
is Brad Hill, Permitti-
Manager, at P.O. B-
145801, Salt Lake Ci-
UT 84114-5801, pho-
number (801) 53-
5340. If such a prote-
or notice of interve-
tion is received, a he-
aring will be schedul-
in accordance wi-
the aforementioned
administrative pr-
cedural rules. Proba-
tants and/or interve-
ners should be prepar-
to demonstrate at a
hearing how this mat-
affects their interest.

Dated this 11th d-
of December, 2013.
STATE OF UTAH
DIVISION OF O-
GAS & MINING

/s/
Brad Hill
Permitting Mana-
Published in t-
Uintah Basin Stand-
December 17, 2013

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DEC 24 2013
DIV OF OIL GAS & MINING

Federal 14-19-9-
16 well located in
SE/4 SW/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33161

Federal 16-19-9-
16 well located in
SE/4 SE/4, Section
19, Township 9 South,
Range 16 East

API 43-013-33163

Federal 8-20-9-16
well located in SE/4
NE/4, Section 20,
Township 9 South,
Range 16 East

API 43-013-33107

Federal 3-21-9-16
well located in NE/4
NW/4, Section 21,
Township 9 South,
Range 16 East

API 43-013-33019

Federal 4-21-9-16
well located in NW/4
NW/4, Section 21,
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API 43-013-33069

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API 43-013-33023

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NE/4, Section 23,
Township 9 South,
Range 16 East

API 43-013-33003

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SE/4 NW/4, Section
23, Township 9 South,
Range 16 East

API 43-013-30873

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API 43-013-32961

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DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
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CAUSE NO. UIC-415

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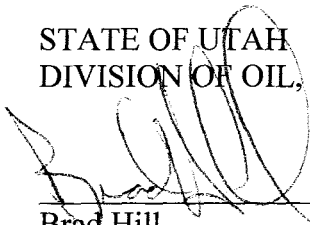
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Dated this 11th day of December, 2013.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**STATE 2-16-9-16, STATE 13-16-9-16, CASTLE PEAK 32-16,
FEDERAL 10-17-9-16, FEDERAL 12-17-9-16, FEDERAL 16-18-9-16,
FEDERAL 2-19-9-16, FEDERAL 6-19-9-16, FEDERAL 12-19-9-16,
FEDERAL 14-19-9-16, FEDERAL 16-19-9-16, FEDERAL 8-20-9-16,
FEDERAL 3-21-9-16, FEDERAL 4-21-9-16, FEDERAL 8-21-9-16,
FEDERAL 2-23-9-16, CASTLE PEAK FEDERAL 6-23,
FEDERAL 8-23-9-16, FEDERAL 14-24-9-16**

Cause No. UIC-415

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

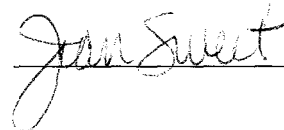
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

1 message

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Dec 12, 2013 at 1:22 PM

To: Jean Sweet <jsweet@utah.gov>

On 12/12/2013 11:59 AM, Jean Sweet wrote:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

ਯਦਾ ।

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

This will publish Dec. 17. Thank you. Merry Christmas.
Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 12, 2013

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-415

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Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

12/12/2013

State of Utah Mail - Proof for Notice



Jean Sweet <jsweet@utah.gov>

Proof for Notice

1 message

Stowe, Ken <naclegal@mediaoneutah.com>

Thu, Dec 12, 2013 at 12:34 PM

Reply-To: "Stowe, Ken" <naclegal@mediaoneutah.com>

To: jsweet@utah.gov

AD# 927358

Run SL Trib & Des News 12/13

Cost \$478.76

Thank You



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185K

Order Confirmation for Ad #0000927358-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$478.76			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$478.76	0	0	1
Payment Method		<u>PO Number</u>	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 94 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	12/13/2013	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	12/13/2013	

Order Confirmation for Ad #0000927358-01

Ad Content Proof Actual Size

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

December 3, 2013

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Castle Peak #32-16-9-16
Monument Butte Field, Lease #ML-16532
Section 16-Township 9S-Range 16E
Duchesne County, Utah

RECEIVED

DEC 05 2013


DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Castle Peak #32-16-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

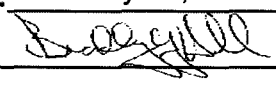


Jill L. Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
CASTLE PEAK #32-16-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #ML-16532
DECEMBER 3, 2013

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – CASTLE PEAK #32-16-9-16
ATTACHMENT E-1	WELLBORE DIAGRAM – CASTLE PEAK STATE #43-16-9-16
ATTACHMENT E-2	WELLBORE DIAGRAM – CASTLE PEAK STATE #33-16-9-16
ATTACHMENT E-3	WELLBORE DIAGRAM – STATE #1-16-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – STATE #16-1-O-9-16
ATTACHMENT E-5	WELLBORE DIAGRAM – STATE #2-16-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – STATE #3-16-9-16
ATTACHMENT E-7	WELLBORE DIAGRAM – STATE #6-16-9-16
ATTACHMENT E-8	WELLBORE DIAGRAM – STATE #11-16-9-16
ATTACHMENT E-9	WELLBORE DIAGRAM – FEDERAL #15-9-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – FEDERAL #5-15-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED – 8/3/1982 – 9/8/1982
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: CASTLE PK 32-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2009 FNL 1838 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013306500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/7/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: 	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 02/06/2014. On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: February 20, 2014 By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 2/19/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 2/7/14 Time 11:31 am pm

Test Conducted by: Riley B. B. B.

Others Present: _____

Well: Castle Park 32-16-9-16

Field: Monument 130th

Well Location: Castle Park 32-16-9-16 API No: 4301330605
SW/NE Sec 16, T9S, R16E DeWala County Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1468</u>	psig
5	<u>1468</u>	psig
10	<u>1467</u>	psig
15	<u>1467</u>	psig
20	<u>1467</u>	psig
25	<u>1466</u>	psig
30 min	<u>1466</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

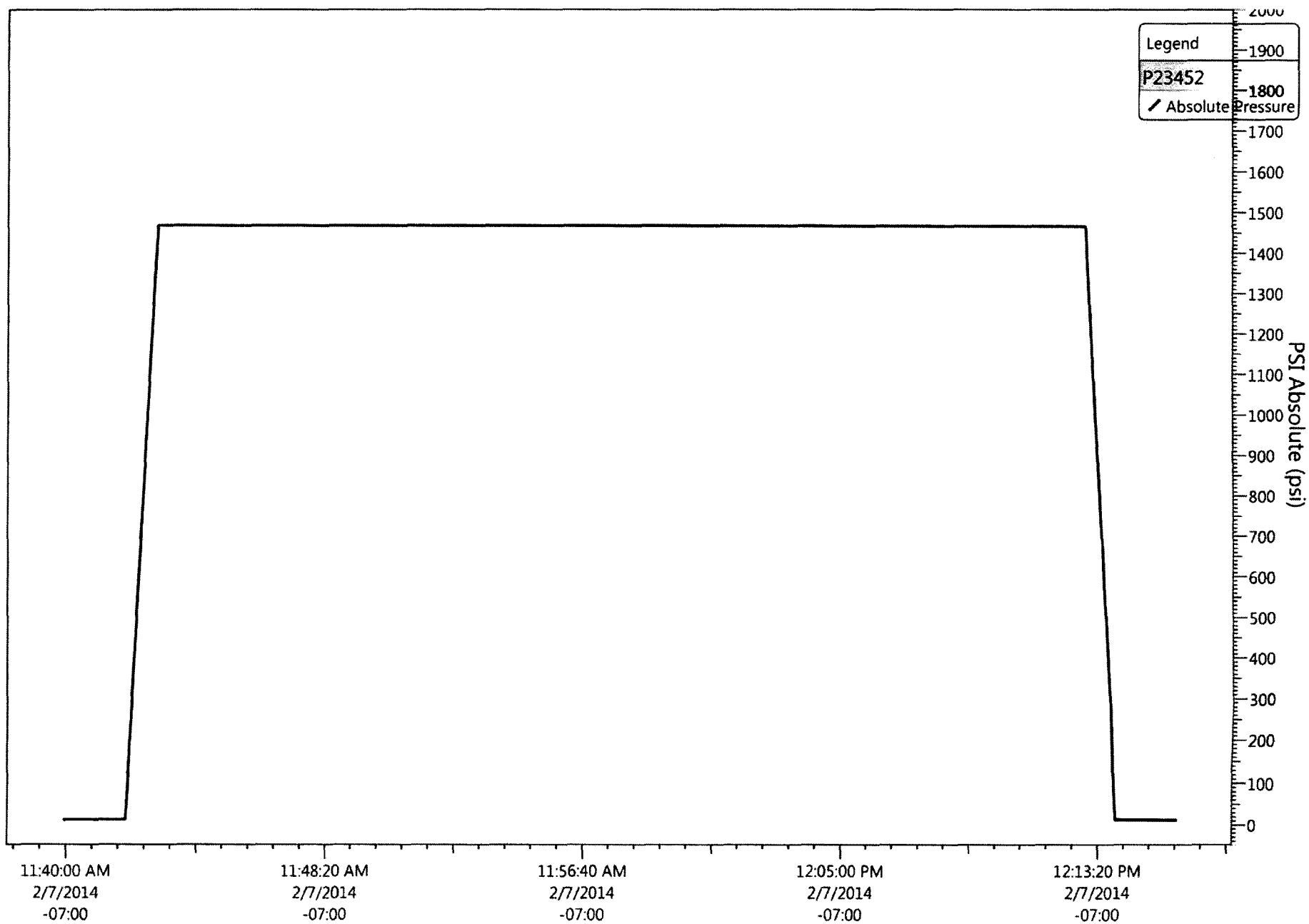
Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley B. B. B.

castle peak 32-16-9-16 (mit 2/7/

2/7/2014 11:39:32 AM



Daily Activity Report

Format For Sundry

CASTLE PK 32-16-9-16

12/1/2013 To 4/28/2014

2/4/2014 Day: 1

Conversion

NC #3 on 2/4/2014 - MIRU NC#3, R/U S/Lne RIH, Tag PBTD @ 5620', N/U BOPs, TOO H W/ Tbg, Brake & Dope Each Conn. - 11:00AM-12:00PM Move Rig, 12:00PM MIRU NC#3, R/U H/Oiler To Tbg, Pmp 40BW Down Tbg @ 250*, R/U S/Lne W/ Depthometer, P/U & RIH, Tag PBTD @ 5620', POOH, L/D & R/D S/Lne, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, TOO H W/ 119jts 2 7/8 J-55 Tbg, Flush W/10BW Durring Trip To Clean ID Of Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 11:00AM-12:00PM Move Rig, 12:00PM MIRU NC#3, R/U H/Oiler To Tbg, Pmp 40BW Down Tbg @ 250*, R/U S/Lne W/ Depthometer, P/U & RIH, Tag PBTD @ 5620', POOH, L/D & R/D S/Lne, N/D W/H-D, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, TOO H W/ 119jts 2 7/8 J-55 Tbg, Flush W/10BW Durring Trip To Clean ID Of Tbg, Brake & Dope Each Conn W/ Lubon 404G Dope, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl

Daily Cost: \$0

Cumulative Cost: \$8,195

2/5/2014 Day: 2

Conversion

NC #3 on 2/5/2014 - TOO H, Brake & Dope Each Conn W/ Lubon 404G, RIH W/ Pkr, Psr Tst Tbg, Fish S/Vlve, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid, Pkr Would Not Set Properly, N/U BOPs, - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ Tbg, Brake & Dope Each Connection W/ Lubon 404G Dope(149jts Total), L/D 25jts Tbg(2jts Bad), P/U & RIH W/ Guid Collar, XN Nipple, 4' 2 3/8 Tbg Sub, 2 7/8X2 3/8 XO, Weatherford 5 1/2 Arrow Set Pkr, On/Off Tool, 2 7/8 Seat Nipple, & 149jts Tbg, R/U H/Oiler To Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Up To 2000psi & Psr Fell To 0psi, POOH W/ 1 Stand & Tbg Standing Full, RIH W/ Stand, R/U H/Oiler, Psr Tbg To 3000psi, Dropped To 2925psi @ 1.39psi Per Min & Held 2925psi For One hour, Good Tst, Bleed Off Psr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH W/ S/Vlve, L/D & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Eqp, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/ Pkr Fluid In It, N/D W/H-D, Try To Set Pkr, Pkr Would Take Wt, Would Only Pull To 15k# Over & Slip, Release Pkr & Try To Reset W/ Same Results, Work To Set W/ No Luck, P/U & RIH W/ 1jt Tbg To Change Setting Areas W/ Same Results, Pkr Would Not Set Properly, Work On Pkr 2hrs, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOO H W/ Tbg, Brake & Dope Each Connection W/ Lubon 404G Dope (149jts Total), L/D 25jts Tbg(2jts Bad), P/U & RIH W/ Guid Collar, XN Nipple, 4' 2 3/8 Tbg Sub, 2 7/8X2 3/8 XO, Weatherford 5 1/2 Arrow Set Pkr, On/Off Tool, 2 7/8 Seat Nipple, & 149jts Tbg, R/U H/Oiler To Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 19BW, Psr Up To 2000psi & Psr Fell To 0psi, POOH W/ 1 Stand & Tbg Standing Full, RIH W/ Stand, R/U H/Oiler, Psr Tbg To 3000psi, Dropped To 2925psi @ 1.39psi Per Min & Held 2925psi For One hour, Good Tst, Bleed Off Psr, R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH W/ S/Vlve, L/D & R/D S/Lne, P/U 6' Tbg Sub, R/D Tbg Eqp, R/D Rig Eqp, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/ Pkr Fluid In It, N/D W/H-D, Try To Set Pkr, Pkr Would Take Wt, Would Only Pull To 15k# Over & Slip, Release Pkr & Try To Reset W/ Same Results, Work To Set W/ No Luck, P/U & RIH W/ 1jt Tbg To Change Setting Areas W/ Same Results, Pkr Would Not Set Properly, Work On Pkr 2hrs, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl **Finalized**

Daily Cost: \$0

Cumulative Cost: \$16,362

2/7/2014 Day: 3

Conversion

NC #3 on 2/7/2014 - TOOH W/ Pkr, P/U & RIH W/ New, Psr Tst Tbg, N/D BOPs, N/U W/H-D, Pmp Pkr Fluid, Set Pkr, N/U Injection Tree, Psr Tst Csg & Pkr. - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour (Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, R/U H/Oiler & Thaw W/H-D, Install Gauge, Psr @ 1100psi, Psr Csg Back Up To 1530psi, Bled Off To 1500psi @ .67psi & Held 1500psi For One Hour, R/D Rig Eqp, R/D & M/O NC#3 @ 11:00PM. Did Not Do MIT W/ Newfield MIT Hand As Of Rusty Birds Request. Ready For MIT Final Report - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl - 5:30AM-6:00AM C/Tvl, 6:00AM OWU, TOOH W/Pkr, L/D Pkr, P/U & RIH W/ New Weatherford 5 1/2 Pkr & 149jts 2 7/8 J-55 Tbg, Pmp 10BW Pad, Drop S/Vlve, Fill W/ 15BW, Psr Tst Tbg To 3000psi, Psr Fell To 2500psi @ 4.16psi Per min & Started To Level Off, Pump Back Up To 3000psi, Bled Off To 2900psi @ .83psi Per min & Held 2900psi For One Hour(Good Tst), R/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U & RIH W/ 6'Tbg Sub, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D, R/U H/Oiler To Csg, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6'Tbg Sub, Make Up & N/U Injection Tree, Psr Csg Up To 1500psi, Bled Off To 1400psi, SWI, 6:30PM CSDFN, 6:30PM-7:00PM C/Tvl

Daily Cost: \$0

Cumulative Cost: \$25,329

2/11/2014 Day: 5

Conversion

Rigless on 2/11/2014 - Conduct initial MIT - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 02/06/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/07/2014 the casing was pressured up to 1466 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

Finalized

Daily Cost: \$0

Cumulative Cost: \$76,498

Pertinent Files: Go to File List

Spud Date: 3/26/82
Put on Production: 9/8/82
GL: 5825' KB: 5835'

Castle Peak 32-16-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 6 jts (214' FC)
DEPTH LANDED: 255' Shoe
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs Class "G", circ 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 141 jts (5561' FC)
DEPTH LANDED: 5650' Shoe
HOLE SIZE: 7-7/8"
CEMENT DATA: 260 ax 50/50 poz,
CEMENT TOP: 4480' per CBL 8/5/82

TUBING

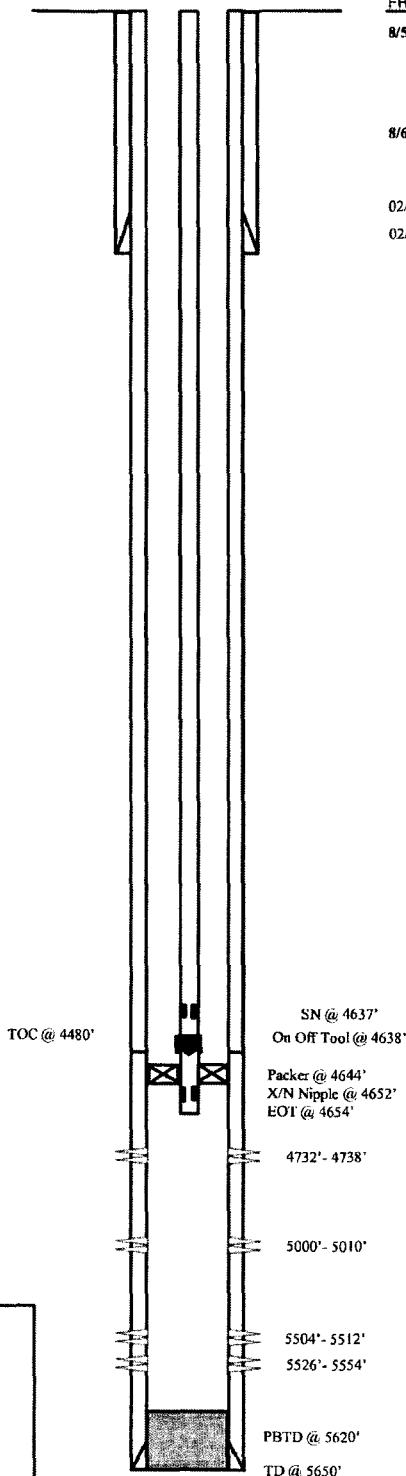
SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 149 jts (4625.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4637.3' KB
ON/OFF TOOL AT: 4638.4'
ARROW #1 PACKER CE AT: 4644'
XO 2-3/8 x 2-7/8 J-55 AT: 4647.9'
TBG PUP 2-3/8 J-55 AT: 4648.4'
X/N NIPPLE AT: 4652.5'
TOTAL STRING LENGTH: EOT @ 4654.14'

FRAC JOB

8/5/82 5504-5512', 5526-5554' Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAI-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H2O w/62500# 20/40 sand & 10000# 10/20 sand.
8/6/82 5000-5010', 4732-4738' Fraced w/25000 gal. VER-1400 gelled H2O w/28000# of 20/40 sand & 10000# of 10/20 sand
02/07/14 Convert to Injection Well
02/07/14 Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes



Castle Peak State 32-16-9-16
2009' FNL & 1838' FEL
SW/NE Section 16-T9S-R16E
Duchesne County, Utah
API #43-013-30650; Lease #ML-16532